



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA  
PRODUCT CONTROL SECTION  
11805 S.W. 26<sup>th</sup> Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

Mistik Trade, Inc.  
7600 NW 70<sup>th</sup> Avenue  
Parkland, FL 33067

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series 10'-0" Outswing Glazed Wood Door – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. 14-096, series titled "Outswing Wood Doors Glazed Panels – Large & Small Missile Impact Level", sheets 01 through 12 of 12, dated 09/06/08 with the latest revision dated 10/16/14, prepared by EngCo., Inc., signed and sealed by Pedro De Figueiredo, P. E., bearing the Miami-Dade County Product Control Section Renewal Stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

### LIMITATION:

Glass lites wider than 36" shall have two setting blocks or approved suspension clamps per FBC requirements

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, Mistik Trade S.A.C., JR. De Las Bellas Artes 162 San Borja, Lima – Peru, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**REVISION** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA No. 12-0622.04 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P. E.



*J. Gascon*  
10/22/14

NOA No. 14-0606.06  
Expiration Date: June 10, 2019  
Approval Date: October 23, 2014  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under previous NOA No. 09-0223.03)*
2. Drawing No. 14-096, series titled "Outswing Wood Doors Glazed Panels – Large & Small Missile Impact Level", sheets 01 through 12 of 12, dated 09/06/08 with the latest revision dated 10/16/14, prepared by EngCo., Inc., signed and sealed by Pedro De Figueiredo, P. E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Resistance Test, per FBC 2411 3.2.1, TAS 202-94.  
along with marked-up drawings and installation diagram of Outswing Wood Doors, prepared by American Test Lab of South Florida, Test Report No. ATLSF 0915.01-06, dated 09/10/08, signed and sealed by William R. Mehner, P. E., and by Henry Hattem, P. E.  
*(Submitted under previous NOA No. 09-0223.03)*

**C. CALCULATIONS**

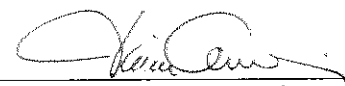
1. Anchor verification calculations and structural analysis, complying with FBC 5<sup>th</sup> Edition (2014), prepared by EngCo., Inc., dated 05/19/14, signed and sealed by Pedro De Figueiredo, P. E.
2. Glazing complies with ASTM E 1300-04/ 09

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 13-0909.10 issued to Polymer Extrusion Technology, Inc. dba Glasslam N.G.I., Inc. for their "Glasslam Safety-Plus II Glass Interlayer" dated 10/03/13, expiring on 08/07/18.
2. Material Safety Data Sheet (MSDS) for "Gorilla Glue® & Gorilla Wood Glue®", dated 06/21/2013 and listed on the TSCA 8(b) inventory, US. EPA, OSHA, SARA Section 311/312 and California Prop. 65.



Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
NOA No. 14-0606.06

Expiration Date: June 10, 2019  
Approval Date: October 23, 2014

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**F. STATEMENTS**

1. Statement letter of no financial interest, conformance and complying with **FBC 5<sup>th</sup> Edition (2014)**, dated 10/10/14, signed, sealed and issued by Pedro De Figueiredo, P. E.
2. Statement letter of no financial interest, conformance and complying with **FBC-2010**, dated 06/19/12, signed, sealed and issued by Pedro De Figueiredo, P. E.  
*(Submitted under previous NOA No. 12-0622.04)*
3. Laboratory addendum letter for Test Report No. **ATLSF-0915.01-06**, issued by American Test Lab of South Florida, 04/16/09, signed and sealed by William R. Mehner, P. E. and by Henry Hattem, P. E.  
*(Submitted under previous NOA No. 09-0223.03)*
4. Laboratory compliance letter for Test Report No. **ATLSF-0915.01-06**, issued by American Test Lab of South Florida, 09/10/08, signed and sealed by William R. Mehner, P. E. and by Henry Hattem, P. E.  
*(Submitted under previous NOA No. 09-0223.03)*
5. Distributor Agreement document in conformance to Product Control guidelines signed by Carlos Nieto (Manufacturer) and Mirtha Abad (Distributor).  
*(Submitted under previous NOA No. 09-0223.034)*
6. Proposal No. **05-0235R** issued by the Product Control, dated 03/09/06, signed by Ishaq Chanda, P. E.  
*(Submitted under previous NOA No. 09-0223.03)*

**G. OTHERS**

1. Notice of Acceptance No. **12-0622.04**, issued to Mistik Trade, Inc. for their Series **"10 Ft. Outswing Glazed Wood Door - L.M.I."**, approved on 07/26/12 and expiring on 06/10/14.



Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
NOA No. 14-0606.06  
Expiration Date: June 10, 2019  
Approval Date: October 23, 2014

# TABLE OF CONTENTS:

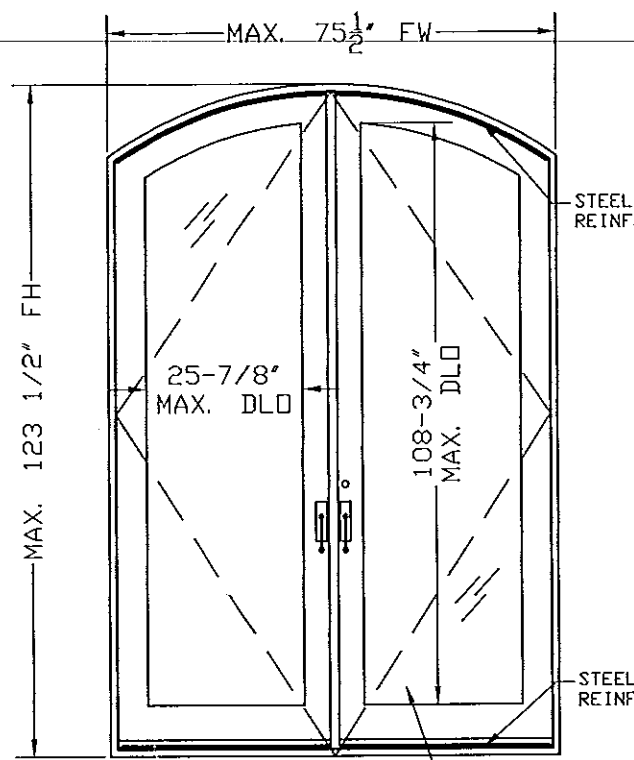
SHEET	DESCRIPTION
1 of 12	GENERAL NOTES & MODEL TYPES
2 of 12	MODEL A ELEVATIONS
3 of 12	MODEL B ELEVATIONS
4 of 12	MODEL C ELEVATIONS
5 of 12	MODEL C1 ELEV.
6 of 12	TYPICAL SECTIONS
7 of 12	TYPICAL SECTIONS
8 of 12	FRAMING ANCHORAGE
9 of 12	CLADDING OPTIONS
10 of 12	SASH OPTIONS, ARCH SASH ASSEMBLY
11 of 12	SASH & FRAMING ASSEMBLY
12 of 12	COMPONENTS.

## GENERAL NOTES:

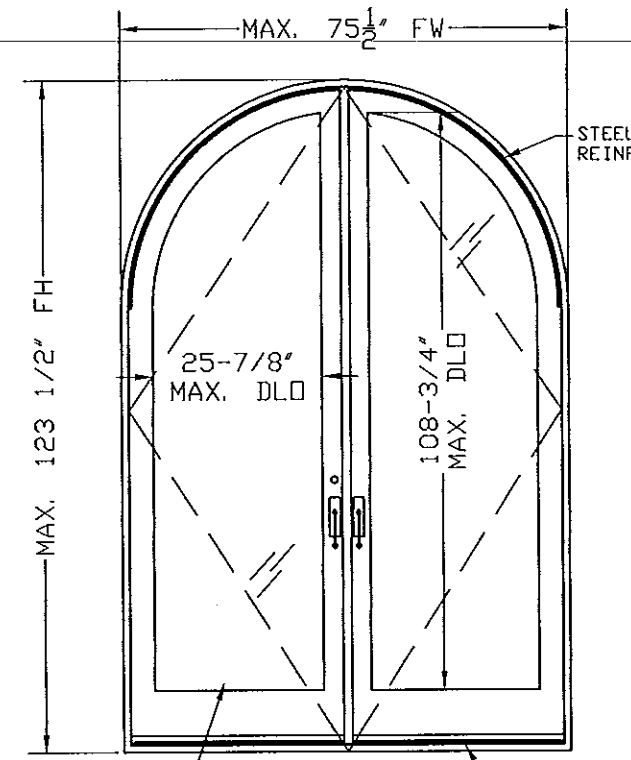
FLORIDA BUILDING CODE 2010 / 2014 (5th EDITION) HVHZ  
LARGE & SMALL MISSILE IMPACT RATED

- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN COMPLIANCE WITH THE FLORIDA BUILDING CODE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2- DEFINITION: THIS PRODUCT IS A MAHOGANY WOOD TYPE DOOR DESIGNED, CONSTRUCTED AND TESTED TO PROVIDE PROTECTION FROM HURRICANE FORCE WINDS AND WIND BORNE DEBRIS (LARGE AND SMALL MISSILE) WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL.
- 3- POSTING:
 

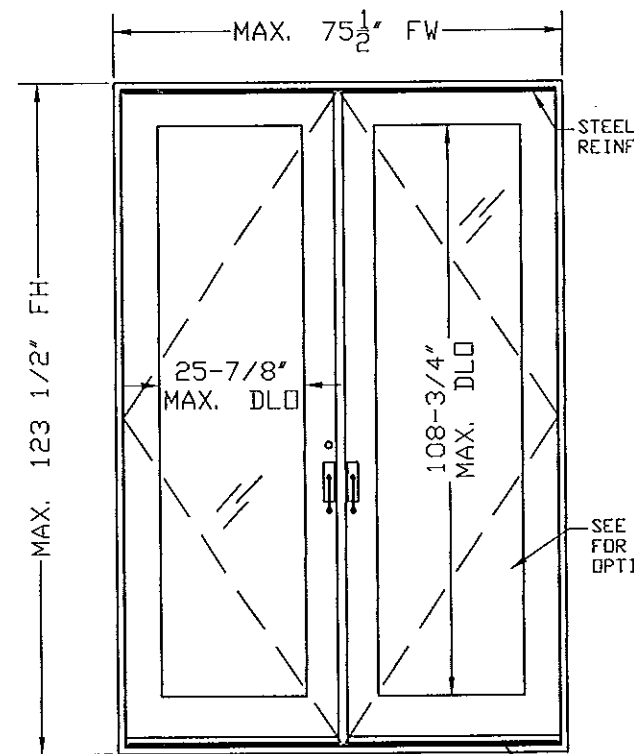
\*MISTIK TRADE SAC.  
JR. DE LAS BELLAS ARTES 162 - SAN BORJA - LIMA, PERU  
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED\*
- 4- LOADS: DESIGNED LOAD CALCULATED BASED ON THE ASCE 7-10 AND PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE PRESSURES HERE IN SPECIFIED. THE DESIGN PRESSURES, AS DETERMINED FROM ASCE 7-10, ARE TO BE MULTIPLE BY 0.6
- 5- MATERIAL: GLAZING TO BE IMPACT LAMINATED GLASS AS SPECIFIED ON THIS APPROVAL.
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL. ANCHOR QUANTITY & SPACING MUST NOT EXCEED THE MAXIMUM LIMITS SPECIFIED BY THIS APPROVAL.
- 7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:
  - 7.1- THE STABILITY OF THE STRUCTURE WHERE THE PRODUCT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
  - 7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
  - 7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.
- 8- 33 1/3% INCREASE IN ALLOWABLE LOADS HAVE NOT BEEN USED IN THE DESIGN OF THE ANCHORS FOR THIS PRODUCT APPROVAL, HOWEVER, WOOD SCREWS WITH 1.6 INCREASE FOR WIND LOAD DURATION HAVE BEEN USED.
- 9- WOOD SPECIES: ALL WOOD PARTS SHALL BE TRUE MAHOGANY WITH THE MINIMUM SPECIFIC GRAVITY OF  $G=0.45$  OR ANY NATURALLY DURABLE WOOD IN COMPLIANCE WITH THE MINIMUM GRADE 2 AND THE SPECIFIC GRAVITY GREATER THAN  $G>=0.45$ .
- 10- PROTECTION: ALL WOOD IN CONTACT WITH MASONRY AND/OR WITH CONCRETE, ETC., SHALL BE TREATED AND PROTECTED PER FLORIDA BUILDING CODE SECTIONS 2411.3.3.3, 2304.11.2, ETC. USING "ENVIRON END SEALER" ACRYLIC URETHANE WATER REPELLENT WOOD PRESERVATIVE AS MANUFACTURED BY PPG INDUSTRIES, INC.



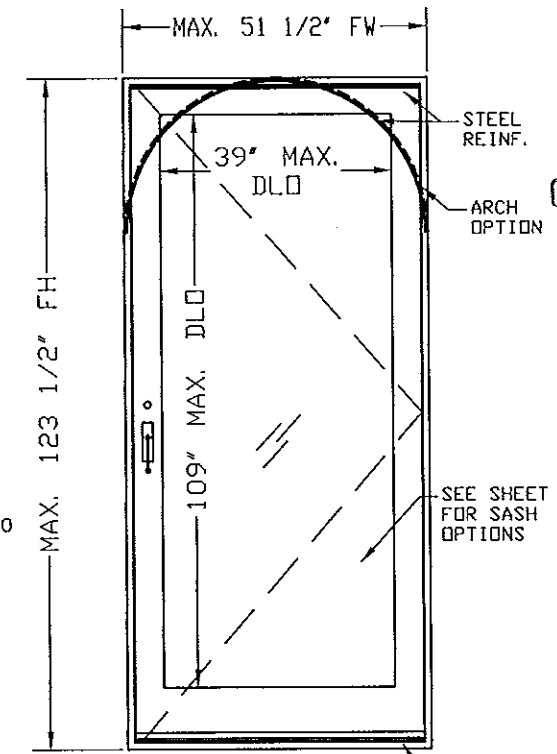
**MODEL A**  
**ELLIPSE DOOR**  
DP= SEE TABLE 1 SHEET 2 OF 12  
FOR MODEL A DETAILS REFER TO:  
SHEET 2 of 12



**MODEL B**  
**FULL ARCHED DOOR**  
DP= SEE TABLE 2 SHEET 3 OF 12  
FOR MODEL B DETAILS REFER TO:  
SHEET 3 of 12



**MODEL C**  
**SQUARE PAIR SWING-OUT DOOR**  
DP= SEE TABLE 3 SHEET 4 OF 12  
FOR MODEL C DETAILS REFER TO:  
SHEET 4 of 12



**MODEL C1**  
**48" SINGLE SWING-OUT DOOR**  
DESIGNED PRESSURES =  $\pm 70$  PSF  
FOR MODEL C1 DETAILS REFER TO:  
SHEET 5 of 12

MANUFACTURER:

**MISTIK**  
**TRADE INC.**

7600 NW 70th Ave.  
PARKLAND, FL. 33067  
PH: (954) 804-1757  
FAX: (954) 653-9100

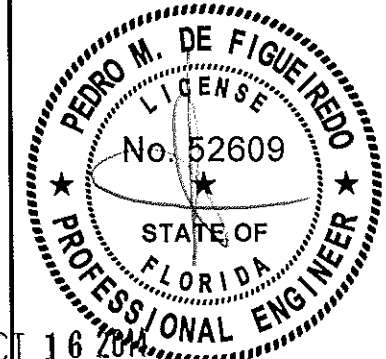
PRODUCT:

**OUTSWING WOOD**  
**DOORS**  
GLAZED PANELS  
LARGE & SMALL MISSILE  
IMPACT LEVEL

ENGINEERING:

**ENGCO INC.** CA 8116

5595 ORANGE DR. 201  
DAVIE, FL. 33314  
Tel.: (954) 585-0304  
ENGCO@AOL.COM



Engineer Seal  
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 14-060606  
Expiration Date 06/10/2019

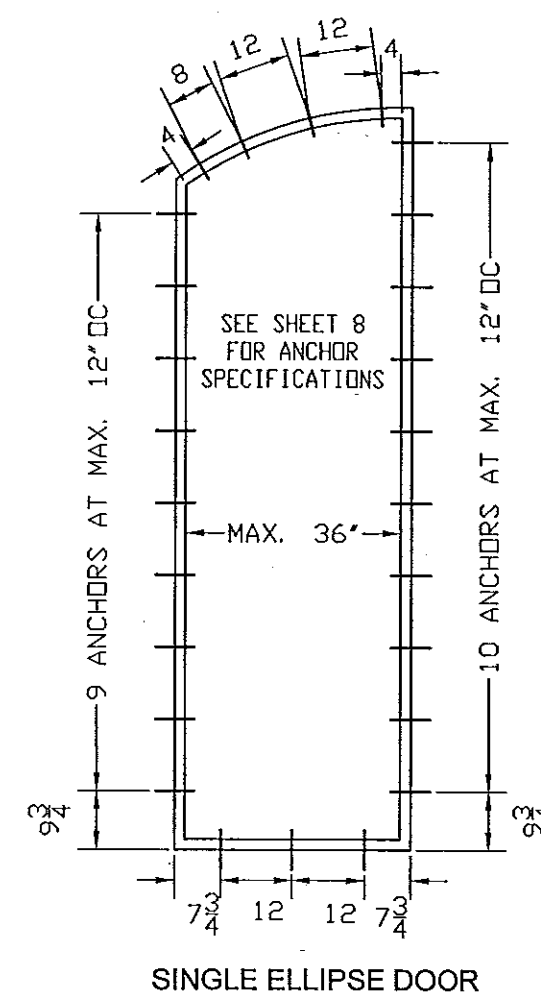
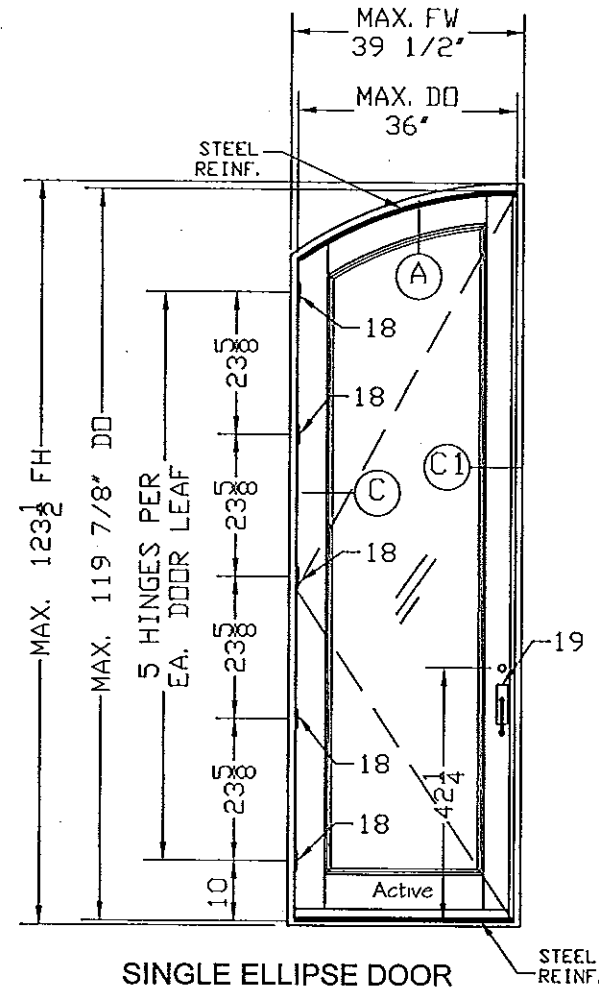
By: [Signature]  
Miami Dade Product Control

DATE: 05/19/2014  
SCALE: NA  
DESIGN BY: PPMF

SHEET  
1 OF 12

DRAWING #:  
14-096

### MODEL A - TYPICAL FRAME ANCHORAGE



SINGLE	PAIR		RATING (PSF)	
FW	FW	FH	(+)	(-)
39.5	75.5	123.5	70	70
		111.5	70	76
		99.5	70	84
		87.5	70	90
33.5	63.5	123.5	70	80
		111.5	70	90

**HINGE NOTE**  
HINGES QUANTITY CAN BE REDUCED  
FROM 5 TO 4 PER LEAF  
FOR DOORS WITH:  
MAXIMUM 98 3/4" FRAME HEIGHT  
AND MAXIMUM ±70 PSF PRESSURE

INACTIVE STILE (20): W&F TRILENNIUM 3020 SERIES TWO POINT LOCK SYSTEM, W/ 1' THROW AT TOP AND BOTTOM, LOCATED AT 42-1/4' TO DEAD BOLT FROM BOTTOM RAIL WITH (1) W&F ECLIPSE HANDLE ON BOTH SIDES OF THE LOCK STILE. LOCK SYSTEM WAS FASTENED TO LOCK STILE WITH (2) #10X1-1/2 PFHWS, LOCATED AT 2-1/4' FROM DOOR TOP AND BOTTOM RAILS AND (9) #10-2-1/4' PFHWS. (3) STRIKE PLATES ON THE INACTIVE DOOR ASTRAGAL LOCATED 15', 24-1/4, 53-1/4' FROM THE BOTTOM RAIL FASTENED WITH (3) #10-2-1/4 PFHWS EACH.

MANUFACTURER:

MISTIK  
TRADE INC.

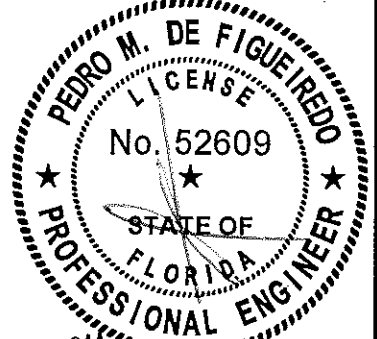
7600 NW 70th Ave.  
PARKLAND, FL. 33067  
PH: (954)804-1757  
FAX:(954)653-9100

PRODUCT:

OUTSWING WOOD  
DOORS  
GLAZED PANELS  
LARGE & SMALL MISSILE  
IMPACT LEVEL

## ENGINEERING:

**ENGCO INC.** CA 8116  
5595 ORANGE DR. 201  
DAVIE, FL. 33314  
Tel.: (954) 585-0304  
ENGCO@AOL.COM



OCT 16 2014

Engineer Seal  
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

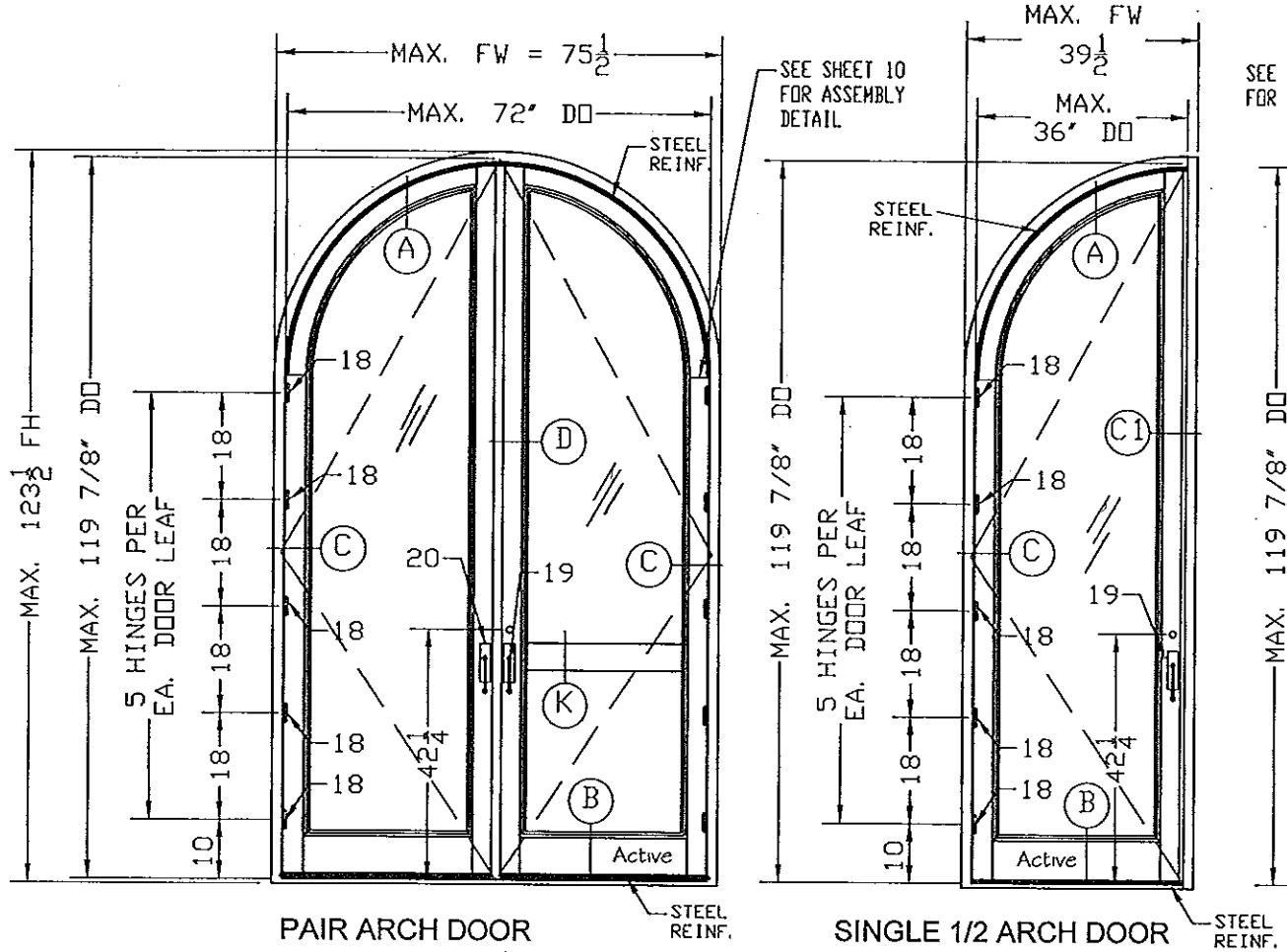
PRODUCT RENEWED  
as complying with the  
Florida Building Code  
Date 06/10/2019  
NOA# 14-0606.0  
Miami-Dade Product Control

DATE: 05/19/2014  
SCALE: NA  
DESIGN BY: PPMF

SHEET  
2 OF 12

DRAWING #:  
14-096

# MODEL B - TYPICAL ELEVATIONS



# MODEL B - TYPICAL FRAME ANCHORAGE

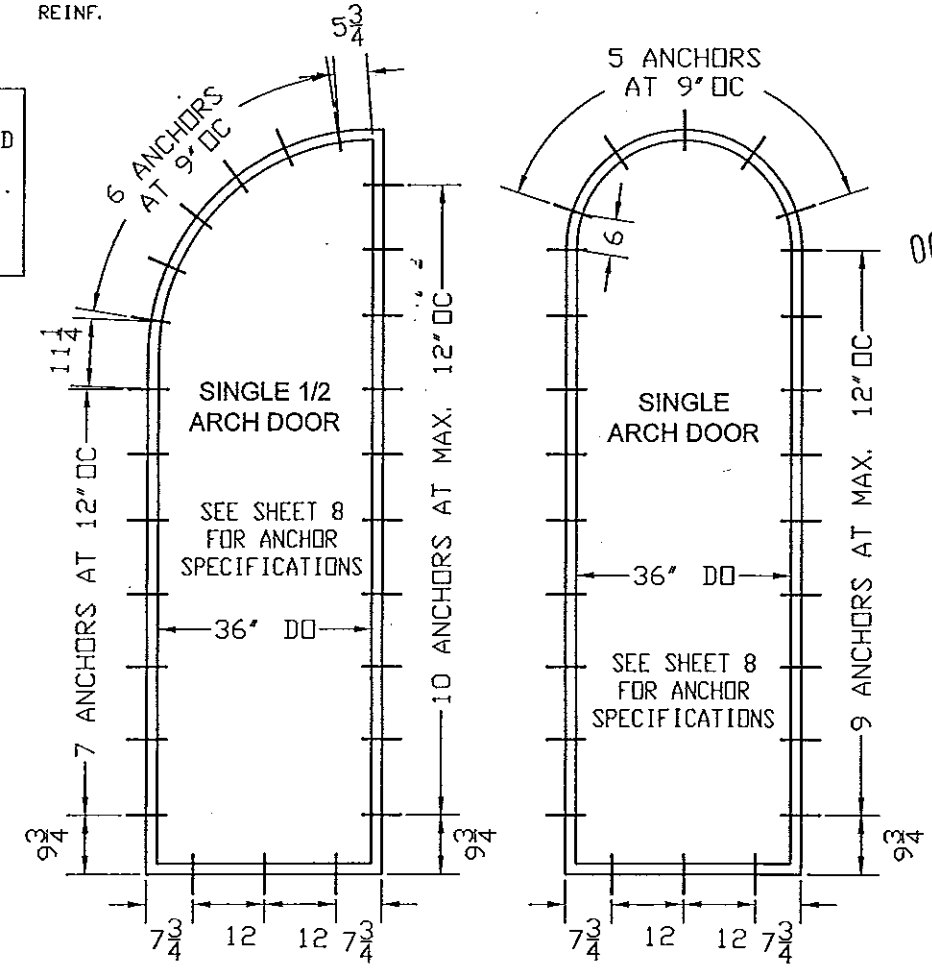
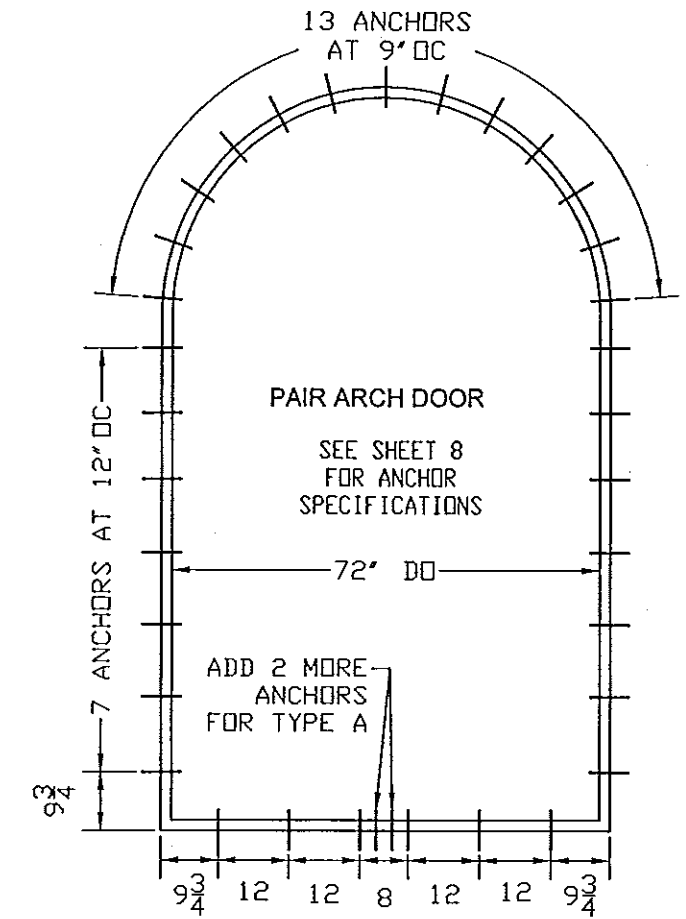


TABLE 2 - DESIGNED PRESSURE

SINGLE FW	PAIR FW	FH	RATING (PSF)	
			(+)	(-)
39.5	75.5	123.5	70	70
		111.5	70	76
		99.5	70	84
		87.5	70	90
33.5	63.5	123.5	70	80
		111.5	70	90

NOTE:  
FW: FINISHED WIDTH (IN)  
FH: FINISHED HEIGHT (IN)

**HINGE NOTE**  
HINGES QUANTITY CAN BE REDUCED FROM 5 TO 4 PER LEAF FOR DOORS WITH: MAXIMUM 98 3/4' FRAME HEIGHT AND MAXIMUM ±70 PSF PRESSURE

**MODEL B**  
**ARCH SWING-OUT DOOR**  
SINGLE DOOR (MAX. 36' X 119 7/8')  
PAIR DOOR (MAX. 72' X 119 7/8')  
DESIGNED LOADS  
PD= TABLE 2

## HARDWARE SCHEDULE

**HINGES (18):** (5 or 6 PER LEAF) 5X5 HAGER BB 1279 ATTACHED TO THE DOOR STILE WITH (4) #10X2-1/4' PFHWS AND ATTACHED TO THE JAMB WITH (4) #10X1-1/4' PFHWS.

**LOCK ACTIVE SASH (19):** W&F TRILENNIUM 3500 SERIES FIVE POINT LOCK SYSTEM, W/ 1' THROW AT TOP AND BOTTOM. LOCK SYSTEM WAS FASTENED TO LOCK STILE WITH (1) #10X1-1/2' PFHWS. DOUBLE STRIKE PLATE LOCATED ON FRAME HEAD & SILL SECURED BY (9) #8X1-1/4' PFHWS EACH. LOCK INSTALLED WITH (1) W&F ECLIPSE HANDLE ON BOTH SIDES WITH 42-1/4' FROM KEYHOLE TO BOTTOM RAIL.

**INACTIVE STILE (20):** W&F TRILENNIUM 3020 SERIES TWO POINT LOCK SYSTEM, W/ 1' THROW AT TOP AND BOTTOM, LOCATED AT 42-1/4' TO DEAD BOLT FROM BOTTOM RAIL WITH (1) W&F ECLIPSE HANDLE ON BOTH SIDES OF THE LOCK STILE. LOCK SYSTEM WAS FASTENED TO LOCK STILE WITH (2) #10X1-1/2' PFHWS, LOCATED AT 2-1/4' FROM DOOR TOP AND BOTTOM RAILS AND (9) #10-2-1/4' PFHWS. (3) STRIKE PLATES ON THE INACTIVE DOOR ASTRAGAL LOCATED 15-1/4', 24-1/4', 53-1/4' FROM THE BOTTOM RAIL FASTENED WITH (3) #10-2-1/4' PFHWS EACH.

MANUFACTURER:

**MISTIK TRADE INC.**

7600 NW 70th Ave.  
PARKLAND, FL. 33067  
PH: (954) 804-1757  
FAX: (954) 653-9100

PRODUCT:

**OUTSWING WOOD DOORS**  
GLAZED PANELS  
LARGE & SMALL MISSILE IMPACT LEVEL

ENGINEERING:

**ENGCO INC.** CA 8116  
5595 ORANGE DR. 201  
DAVIE, FL. 33314  
Tel.: (954) 585-0304  
ENGCO@AOL.COM

**PEDRO M. DE FIGUEIREDO**  
LICENSE  
No. 52609  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

Engineer Seal  
Pedro De Figueiredo - PE 52609

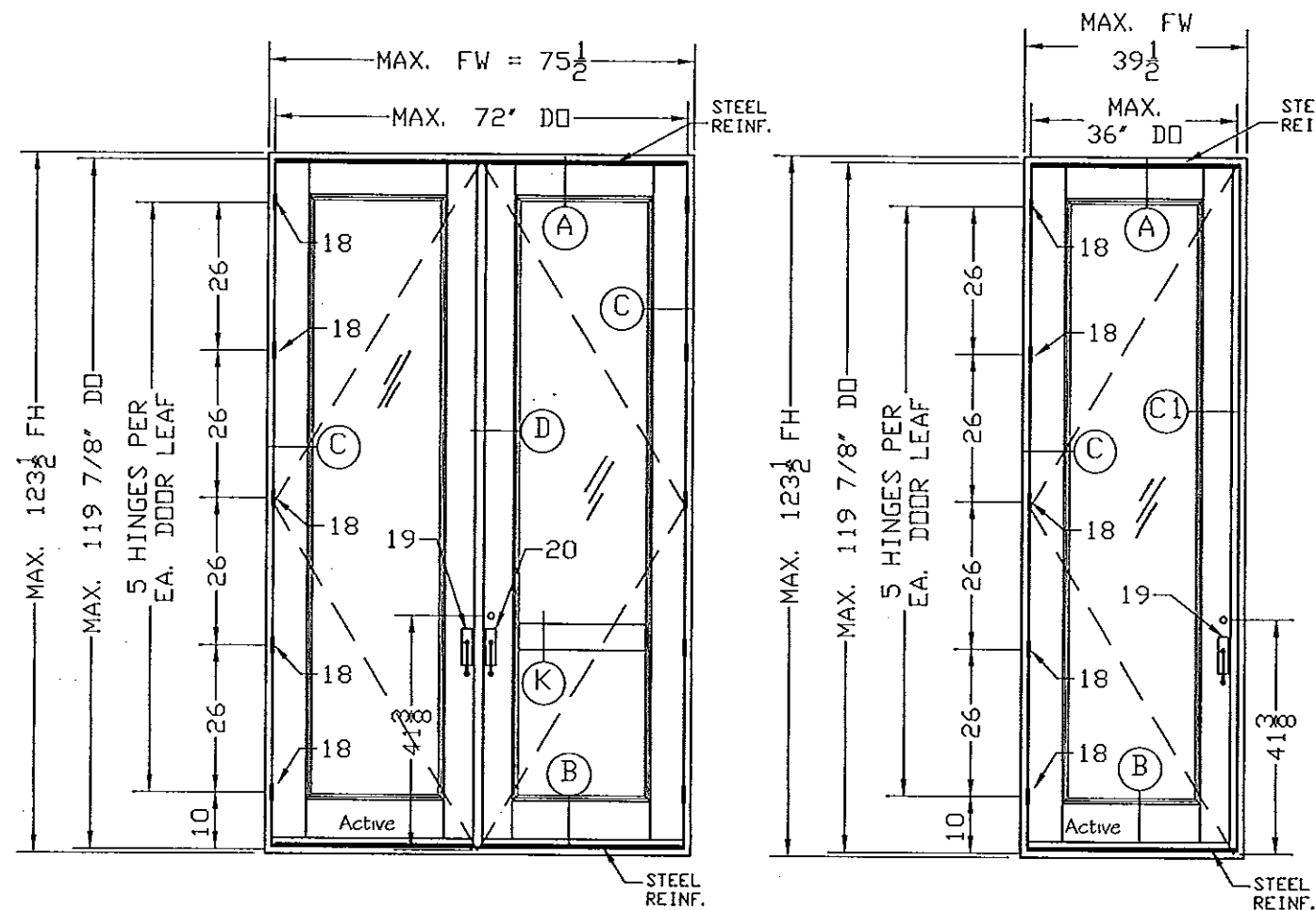
MIAMI-DADE BCCO:

PRODUCT REVIEWED  
as complying with the  
Florida Building Code  
Date: 06/19/2014  
NOA# 14-0606-06  
Miami Dade Product Control

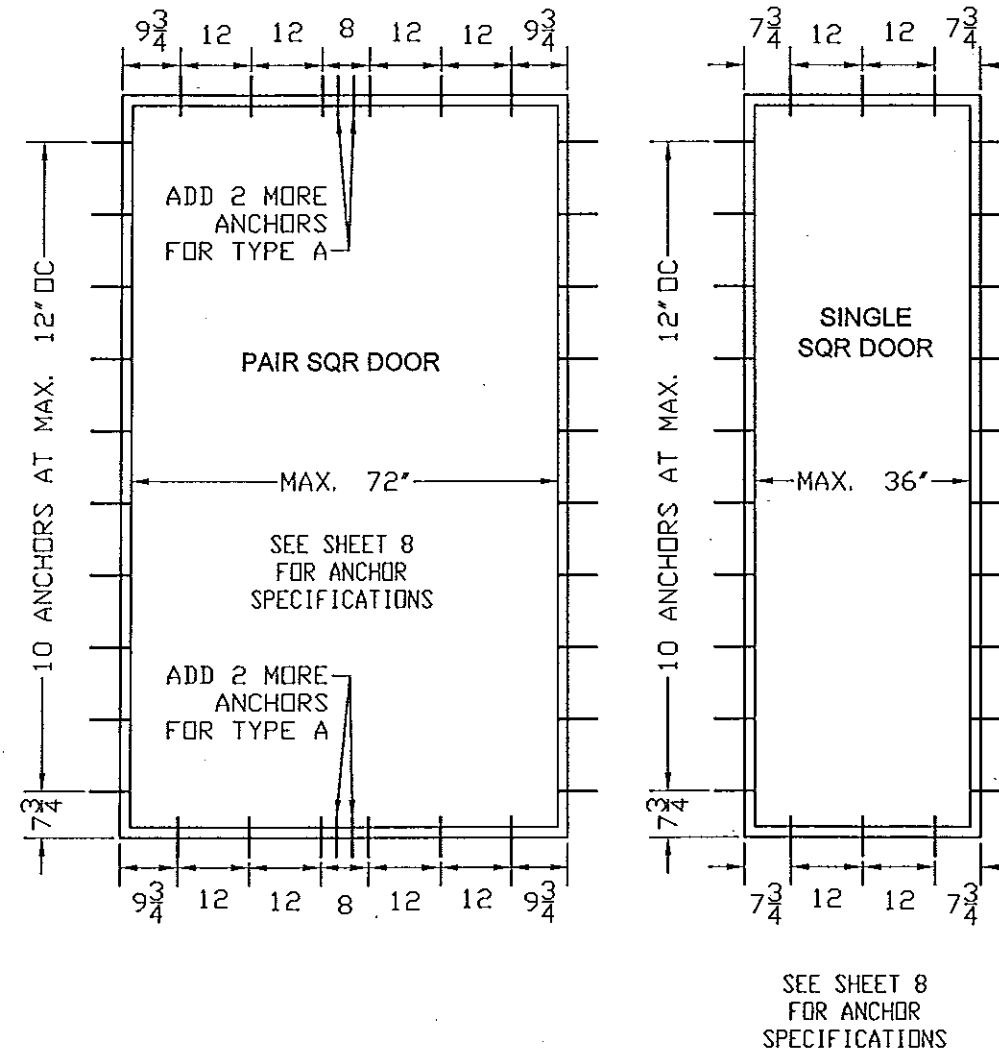
DATE: 05/19/2014  
SCALE: NA  
DESIGN BY: PPMF

SHEET 3 OF 12  
DRAWING #: 14-096

# MODEL C - TYPICAL ELEVATIONS



# MODEL C - TYPICAL FRAME ANCHORAGE



**MODEL C**  
**SQUARE SWING-OUT DOOR**  
 SINGLE DOOR (MAX. 36'X119 7/8')  
 PAIR DOOR (MAX. 72'X119 7/8')  
 DESIGNED LOADS  
 PD= TABLE 3

TABLE 3 - DESIGNED PRESSURE

SINGLE FW	PAIR FW	FH	RATING (PSF)	
			(+)	(-)
39.5	75.5	123.5	70	70
		111.5	70	76
		99.5	70	84
		87.5	70	90
33.5	63.5	123.5	70	80
		111.5	70	90

NOTE:  
 FW: FINISHED WIDTH (IN)  
 FH: FINISHED HEIGHT (IN)

**HINGE NOTE**  
 HINGES QUANTITY CAN BE REDUCED  
 FROM 5 TO 4 PER LEAF  
 FOR DOORS WITH:  
 MAXIMUM 97 1/2' FRAME HEIGHT  
 AND MAXIMUM ±70 PSF PRESSURE

# HARDWARE SCHEDULE

HINGES (18): (5 PER LEAF) 5X5 HAGER BB 1279 ATTACHED TO THE DOOR STILE WITH (4) #12X1-1/4' PFHWS AND ATTACHED TO THE JAMB WITH (2) #10X2-3/4 PFHWS & (2) #12X1-1/4' PFHWS.

LOCK ACTIVE SASH (19): W&F TRILENNIUM 3500 SERIES FIVE POINT LOCK SYSTEM, W/ 1' THROW AT TOP AND BOTTOM. LOCK SYSTEM WAS FASTENED TO LOCK STILE WITH (11) #10X1-1/2' PFHWS. DOUBLE STRIKE PLATE LOCATED ON FRAME HEAD & SILL SECURED BY (9) #8X1-1/4 PFHWS EACH. LOCK INSTALLED WITH (1) W&F ECLIPSE HANDLE ON BOTH SIDES WITH 41 3/8' FROM KEYHOLE TO BOTTOM RAIL.

INACTIVE STILE (20): W&F TRILENNIUM 3020 SERIES TWO POINT LOCK SYSTEM, W/ 1' THROW AT TOP AND BOTTOM, LOCATED AT 41-3/8' TO DEAD BOLT FROM BOTTOM RAIL WITH (1) W&F ECLIPSE HANDLE ON BOTH SIDES OF THE LOCK STILE. LOCK SYSTEM WAS FASTENED TO LOCK STILE WITH (2) #10X1-1/2 PFHWS, LOCATED AT 2-1/4' FROM DOOR TOP AND BOTTOM RAILS AND (9) #10-2-1/4' PFHWS. (3) STRIKE PLATES ON THE INACTIVE DOOR ASTRAGAL LOCATED 14-1/2", 38-3/4", 92" FROM THE BOTTOM RAIL FASTENED WITH (3) #8-1-1/4 PFHWS EACH.

MANUFACTURER:

**MISTIK  
 TRADE INC.**

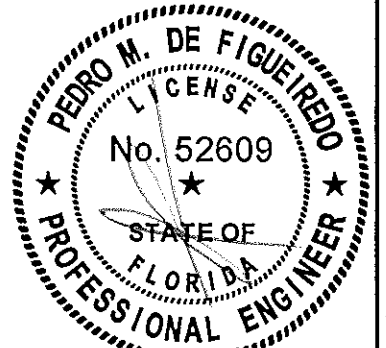
7600 NW 70th Ave.  
 PARKLAND, FL. 33067  
 PH: (954)804-1757  
 FAX: (954)653-9100

PRODUCT:

**OUTSWING WOOD  
 DOORS**  
 GLAZED PANELS  
 LARGE & SMALL MISSILE  
 IMPACT LEVEL

ENGINEERING:

**ENGCO INC.** CA 8116  
 5595 ORANGE DR. 201  
 DAVIE, FL. 33314  
 Tel.: (954) 585-0304  
 ENGCO@AOL.COM



OCT 16 2014 Engineer Seal  
 Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

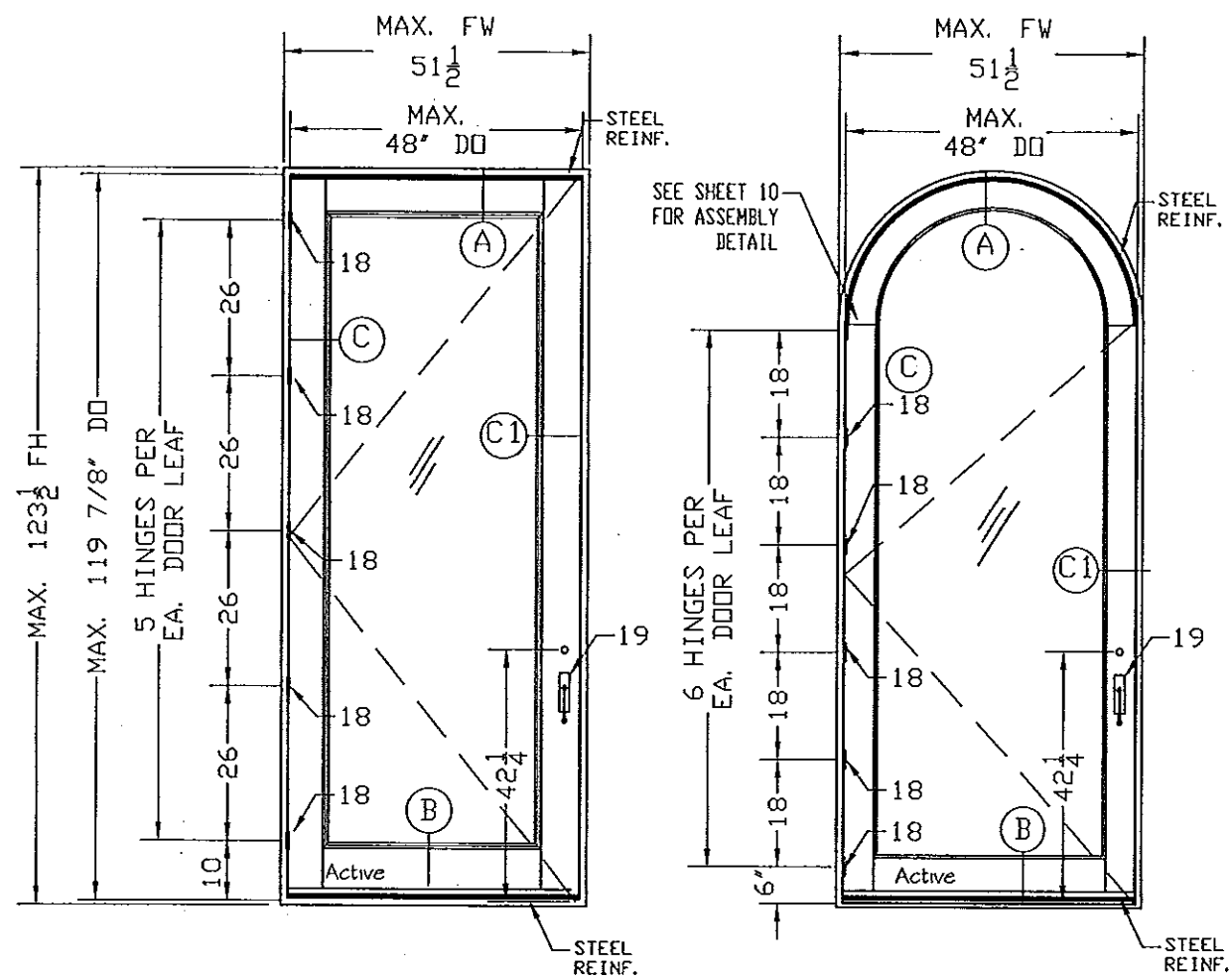
**PRODUCT RENEWED**  
 as complying with the  
 Florida Building Code  
 Date 05/19/2014  
 NOAH 14-266056  
 Miami Dade Product Control  
 By [Signature]

DATE: 05/19/2014  
 SCALE: NA  
 DESIGN BY: PPMF

SHEET  
 4 OF 12

DRAWING #:  
 14-096

MODEL C1 - TYPICAL ELEVATION



MODEL C1  
48" SINGLE SWING-OUT DOOR  
SINGLE DOOR (MAX. 48" X 119 7/8")  
DESIGNED LOADS  
PD= +70 PSF, -70 PSF

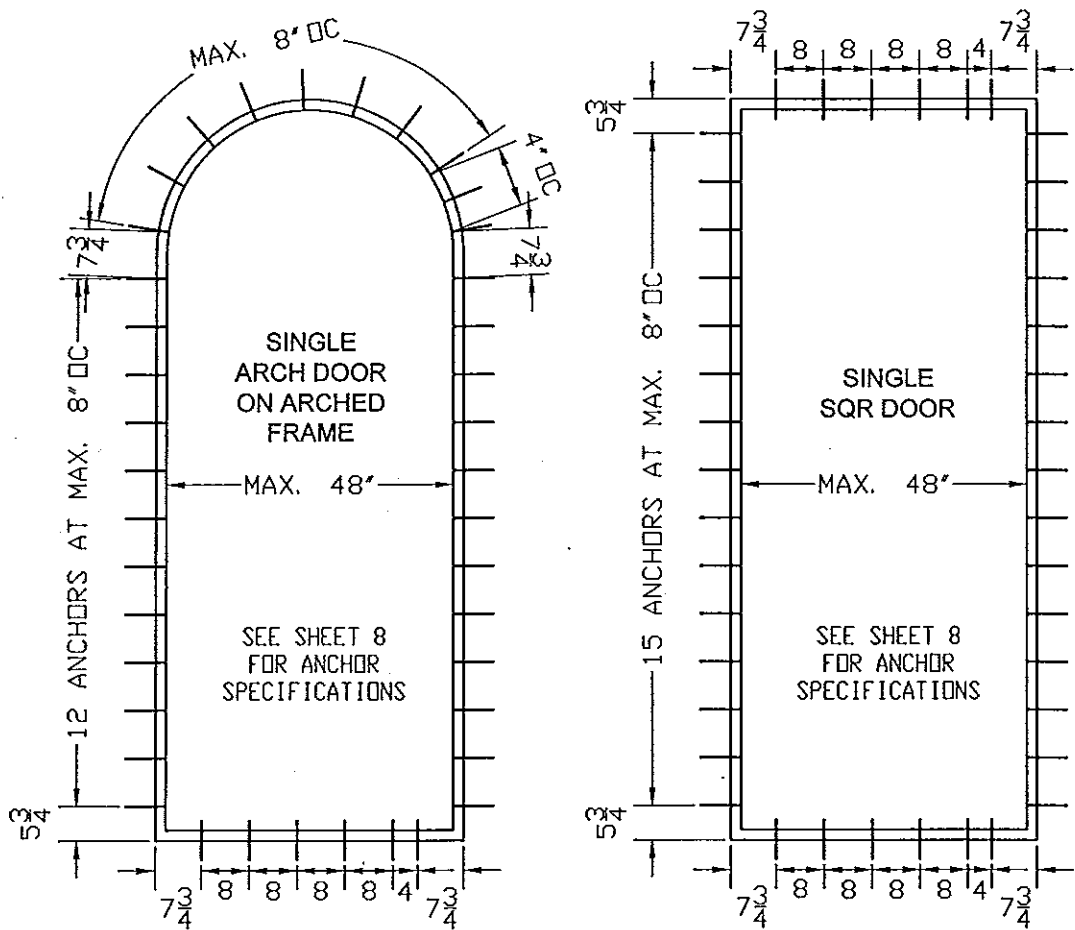
HINGE NOTE  
HINGES QUANTITY CAN BE REDUCED  
FROM 5 TO 4 PER LEAF  
FOR DOORS WITH:  
MAXIMUM 97 1/2" FRAME HEIGHT  
AND MAXIMUM ±70 PSF PRESSURE

HARDWARE SCHEDULE

HINGES (18): (5 - SQUARE OR 6 ARCH) 5X5 ROCKY MOUNTAIN HINGE ATTACHED TO THE DOOR STILE WITH (4) #12X1-1/4" PFHWS AND ATTACHED TO THE JAMB WITH (2) #10X2-3/4" PFHWS & (2) #12X1-1/4" PFHWS. THIS HINGE CAN BE USED AS AN ALTERNATE TO HAGER HINGES ON MODELS A, B AND C DOORS.

LOCK ACTIVE SASH (19): W&F TRILENNIUM 3500 SERIES FIVE POINT LOCK SYSTEM, W/ 1" THROW AT TOP AND BOTTOM. LOCK SYSTEM WAS FASTENED TO LOCK STILE WITH (11) #10X1-1/2" PFHWS. LOCK INSTALLED WITH (1) W&F ECLIPSE HANDLE ON BOTH SIDES WITH 42-1/4" FROM KEYHOLE TO BOTTOM RAIL.  
(3) STRIKE PLATES ON THE FRAME JAMB LOCATED 15-18", 39-3/8", 92-5/8" FROM THE SILL FASTENED WITH (3) #10-1-1/2" PFHWS EACH.  
(2) STRIKE PLATES ONE AT SILL AND ONE AT HEAD

MODEL C1  
TYPICAL FRAME ANCHORAGE



MANUFACTURER:

MISTIK  
TRADE INC.

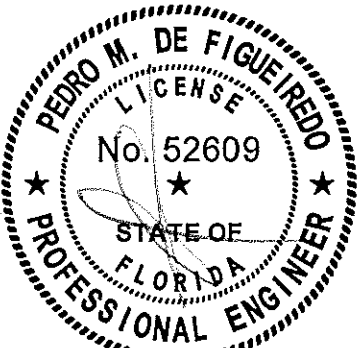
7600 NW 70th Ave.  
PARKLAND, FL. 33067  
PH: (954) 804-1757  
FAX: (954) 653-9100

PRODUCT:

OUTSWING WOOD  
DOORS  
GLAZED PANELS  
LARGE & SMALL MISSILE  
IMPACT LEVEL

ENGINEERING:

ENGCO INC. CA 8116  
5595 ORANGE DR. 201  
DAVIE, FL. 33314  
Tel.: (954) 585-0304  
ENGCO@AOL.COM



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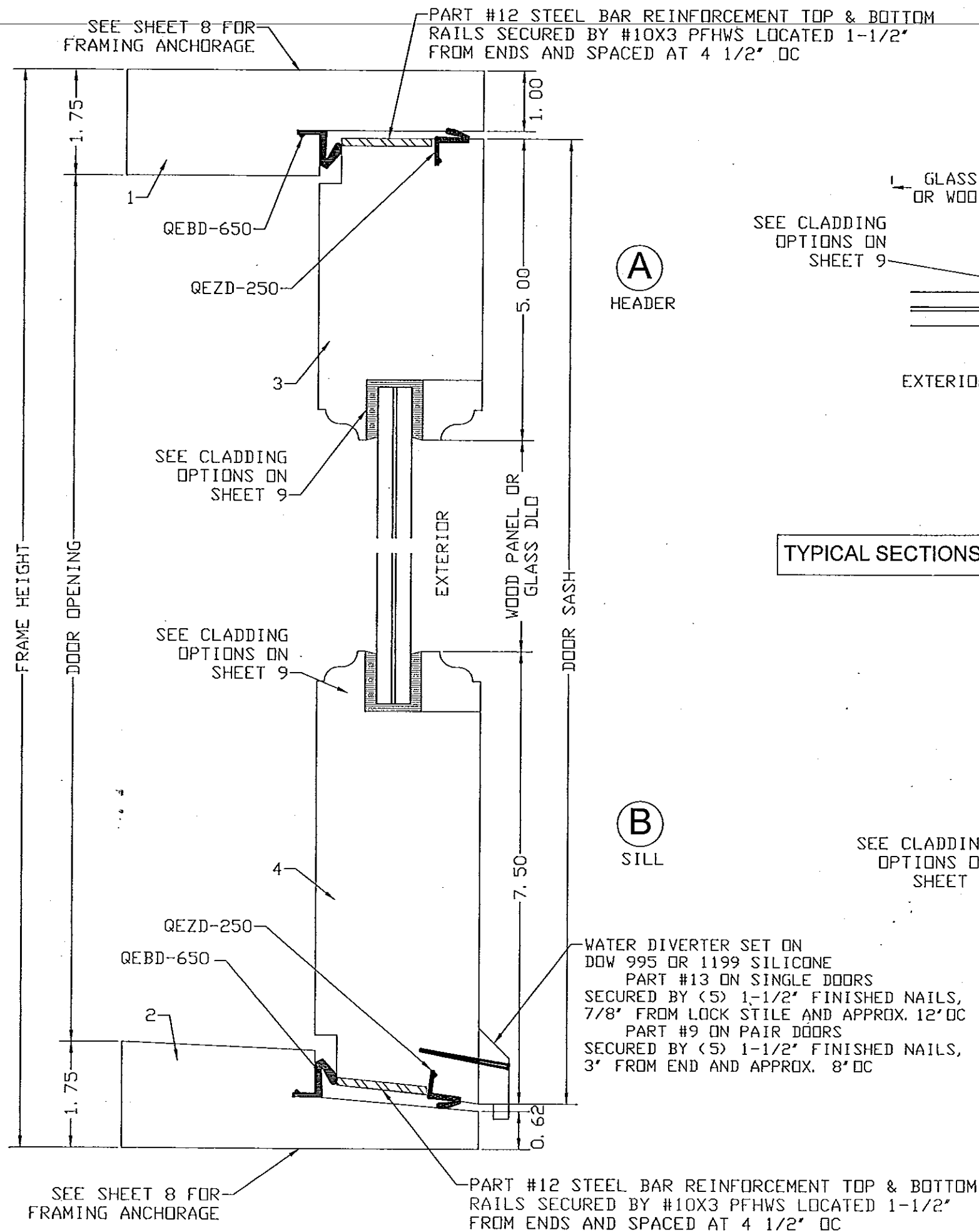
PRODUCT RENEWED  
as complying with the  
Florida Building Code  
Date: 05/19/2014  
NOAH 14-0606-06  
Miami Dade Product Control

DATE: 05/19/2014  
SCALE: NA  
DESIGN BY: PPMF

SHEET  
5 OF 12

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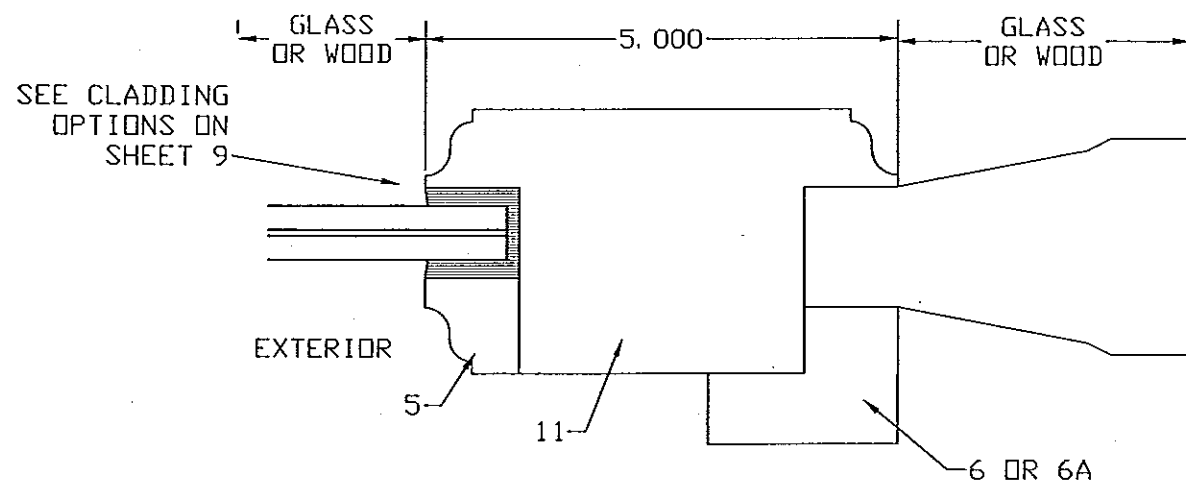




(A)  
HEADER

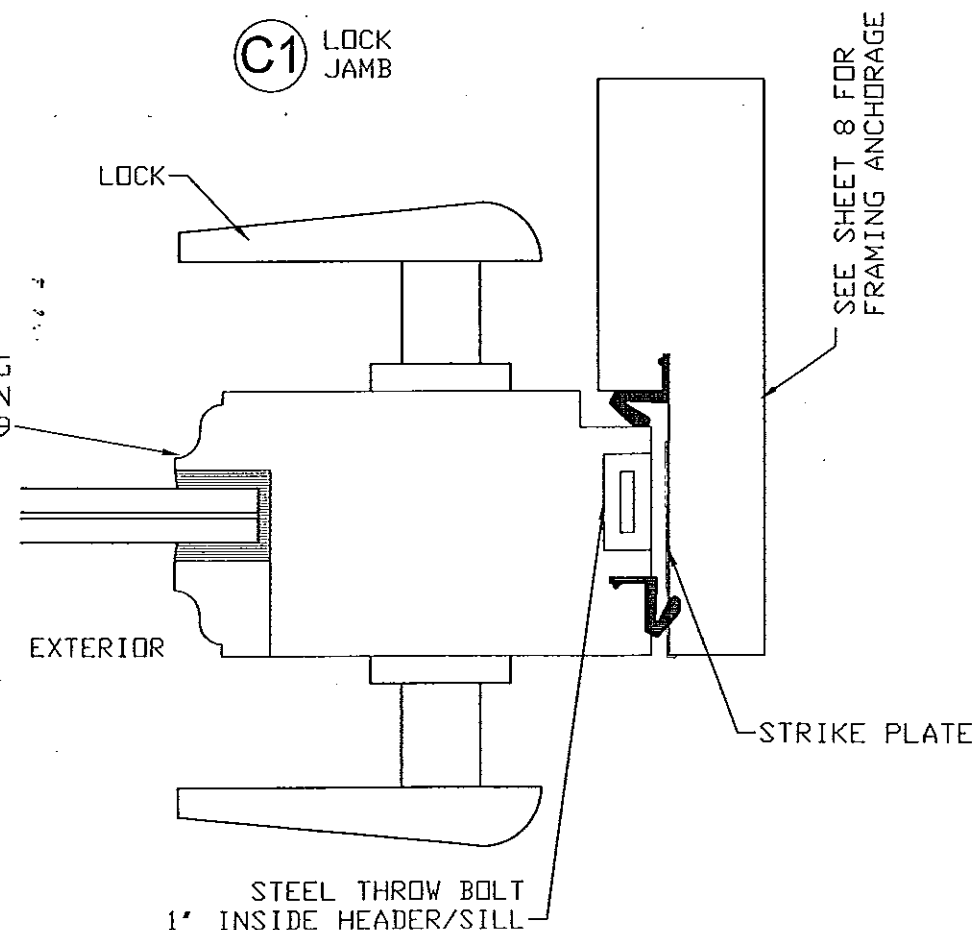
(B)  
SILL

(K)  
HEADER



TYPICAL SECTIONS

(C1) LOCK JAMB



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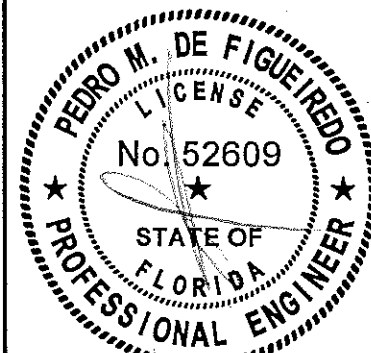
PRODUCT:

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ENGINEERING:

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5595 ORANGE DR. 201  
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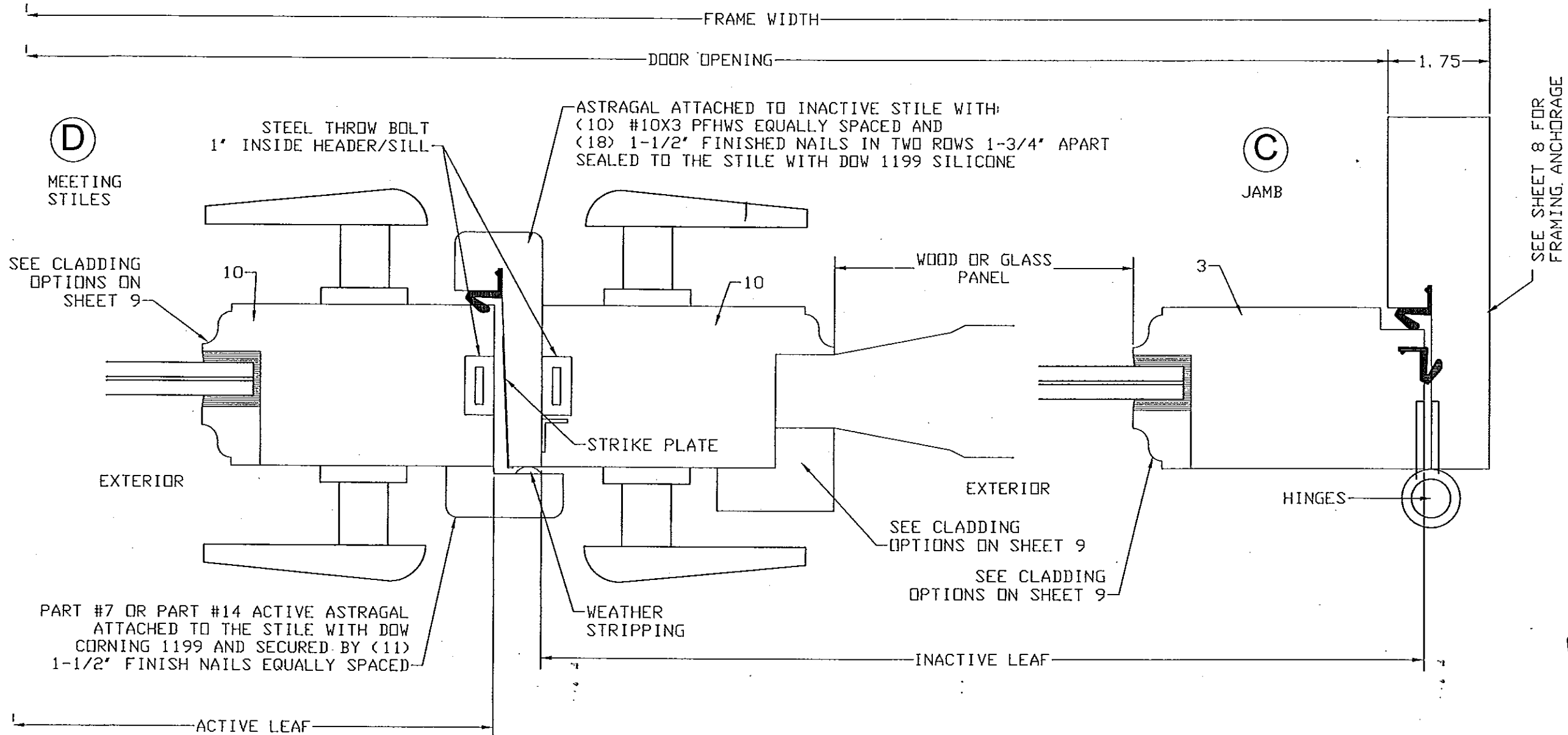
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PRODUCT REBUILT  
as complying with the  
Florida Building Code  
Date 05/19/2014  
NOA# 14-06036.06  
Miami-Dade Product Control  
By [Signature]

DATE: 05/19/2014  
SCALE: NA  
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SHEET  
6 OF 12

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WEATHER STRIPPING	
<b>PAIR DOORS:</b> Q-LON QEZD-250 (1) ROW AT DOOR HINGE STILE AND TOP AND BOTTOM RAILS. Q-LON QEBD-650 (1) ROW AT THE FRAME HEADER, SILL AND JAMBS AND AT INACTIVE DOOR ASTRAGAL. QWS-D (U-90) (1) ROW AT THE ACTIVE AND INACTIVE DOOR ASTRAGALS. SCHLEGEL Q-LON CORNER SEAL AT EACH SILL CORNER	
<b>SINGLE DOORS: (Q-LON)</b> QEZD-250 (1) ROW AT DOOR HINGE AND LOCK STILES AND TOP AND BOTTOM RAILS. QEBD-875 (1) ROW AT THE FRAME SILL. QEBD-650 (1) ROW AT THE FRAME HEADER, SILL AND JAMBS. SCHLEGEL Q-LON CORNER SEAL AT EACH SILL CORNER	

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PARKLAND, FL. 33067  
PH: (954)804-1757  
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PRODUCT:

**OUTSWING WOOD  
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 GLAZED PANELS  
 LARGE & SMALL MISSILE  
 IMPACT LEVEL

ENGINEERING:

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 5595 ORANGE DR. 201  
 DAVIE, FL. 33314  
 Tel.: (954) 585-0304  
 ENGCO@AOL.COM

**PEDRO M. DE FIGUEIREDO**  
 LICENSE  
 No. 52609  
 STATE OF  
 FLORIDA  
 PROFESSIONAL ENGINEER

OC 16 2014

Engineer Seal  
 Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

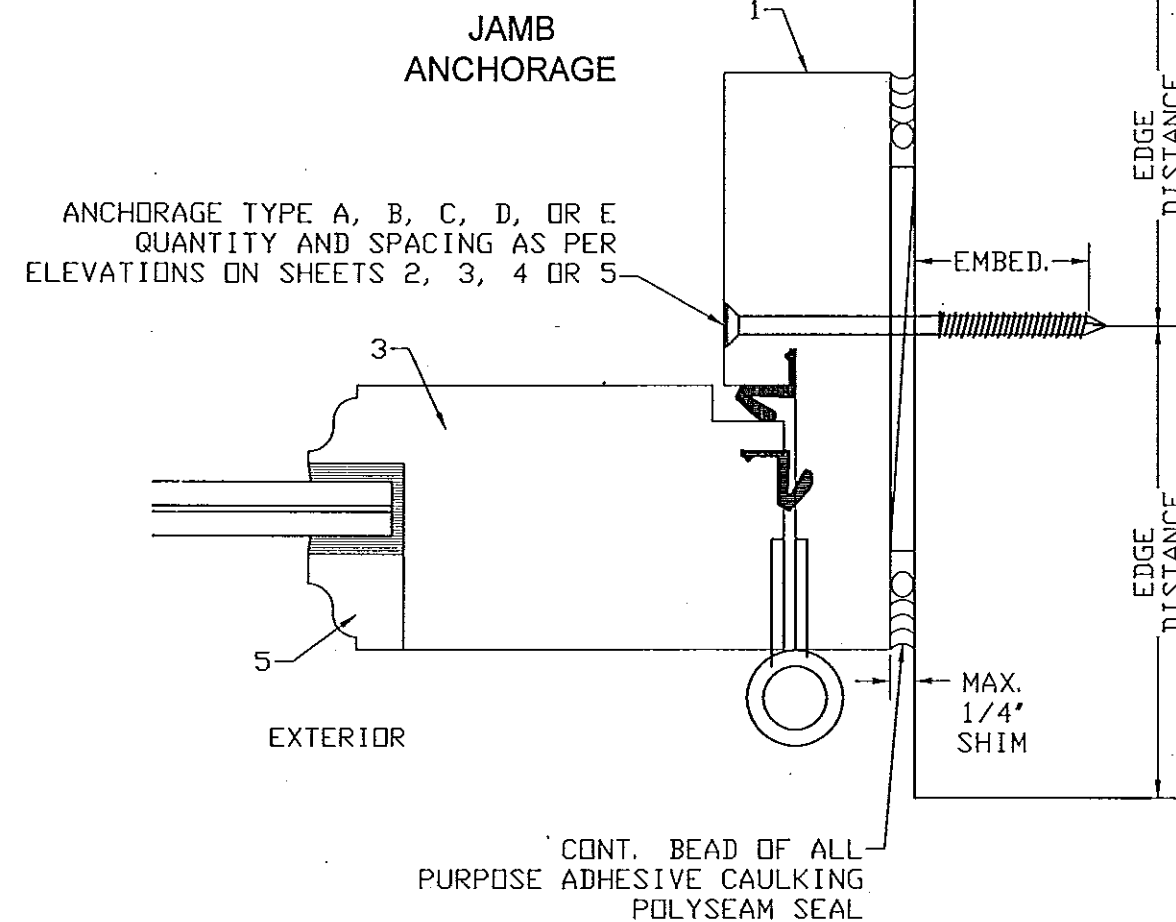
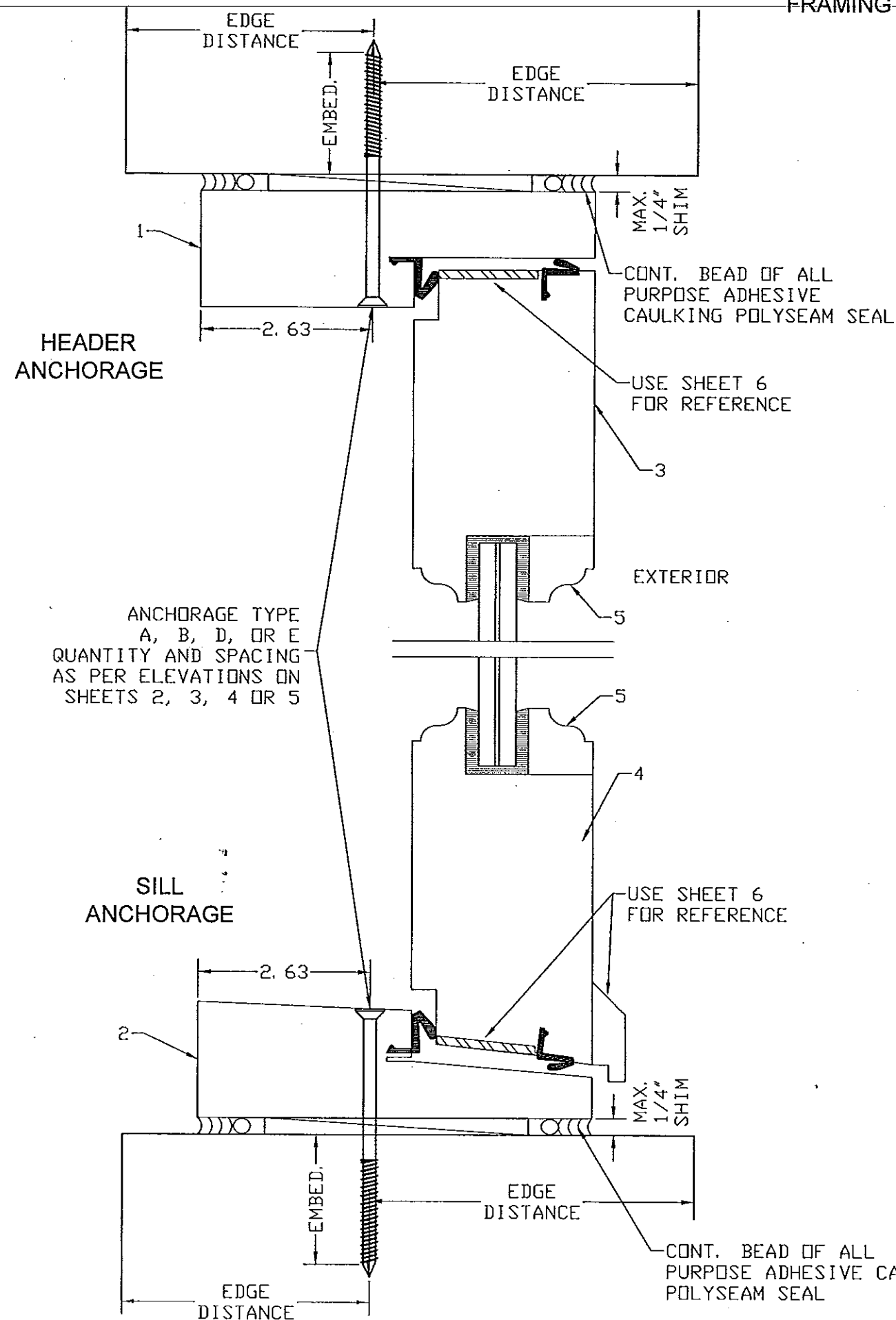
**PRODUCT RENEWED**  
 as complying with the  
 Florida Building Code  
 Date 10/18/2019  
 NOAH 14-0606  
 Miami-Dade Product Control  
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DATE: 05/19/2014  
 SCALE: NA  
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SHEET  
7 OF 12

DRAWING #:  
14-096

# FRAMING ANCHORAGE



## ANCHOR NOTES:

- A- INTO 2X WOOD BUCK OR WOOD STRUCTURES (G=0.55):  
#10 WOOD SCREWS WITH 1 1/2" PENETRATION  
3/4" MIN. EDGE DISTANCE
- B- INTO 2X WOOD BUCK OR WOOD STRUCTURES (G=0.55):  
1/4" DIA. TAPCONS WITH 1 1/2" PENETRATION  
1" MIN. EDGE DISTANCE
- C- DIRECTLY INTO MASONRY (AT JAMBS ONLY)  
1/4" DIA TAPCONS WITH 1 1/4" MIN. EMBED  
2-1/2" MIN. EDGE DISTANCE
- D- DIRECTLY INTO CONCRETE (MIN. 3192 PSI)  
1/4" DIA TAPCONS WITH 1 3/4" MIN. EMBED  
2-1/2" MIN. EDGE DISTANCE
- E- INTO MIN. 1/8" METAL STRUCTURES, ASTM A36 STEEL OR  
6063-T5 ALUMINUM  
1/4" DIA GRADE 5 SELF DRILLING SCREWS  
1/2" MIN. EDGE DISTANCE

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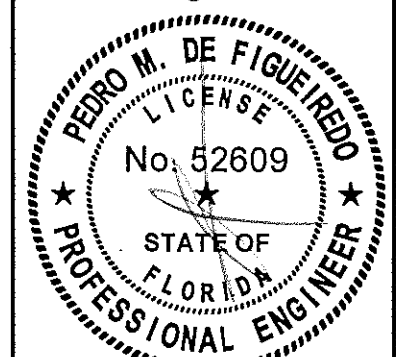
7600 NW 70th Ave.  
PARKLAND, FL. 33067  
PH: (954)804-1757  
FAX: (954)653-9100

PRODUCT:

**OUTSWING WOOD  
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IMPACT LEVEL

ENGINEERING:

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DAVIE, FL. 33314  
Tel.: (954) 585-0304  
ENGCO@AOL.COM



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PRODUCT REVIEWED  
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SHEET  
8 OF 12

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# CLADDING OPTIONS

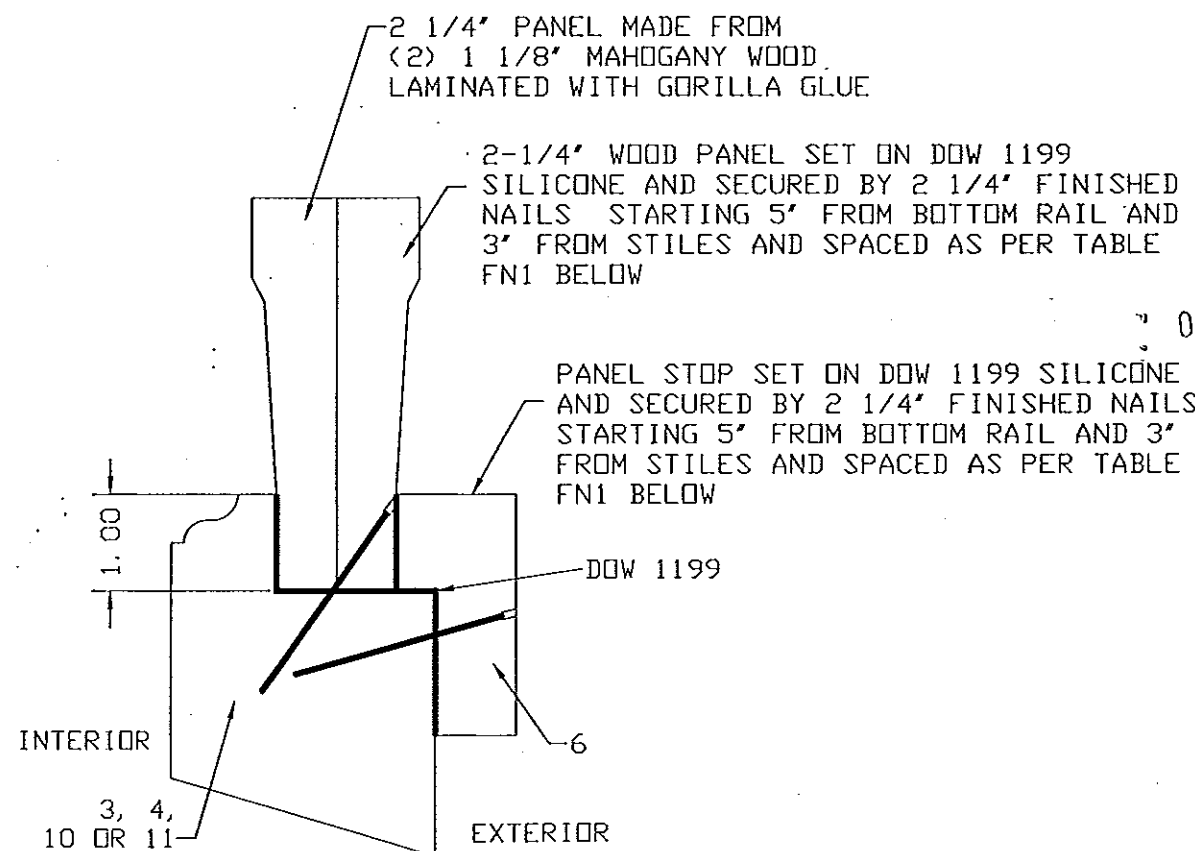
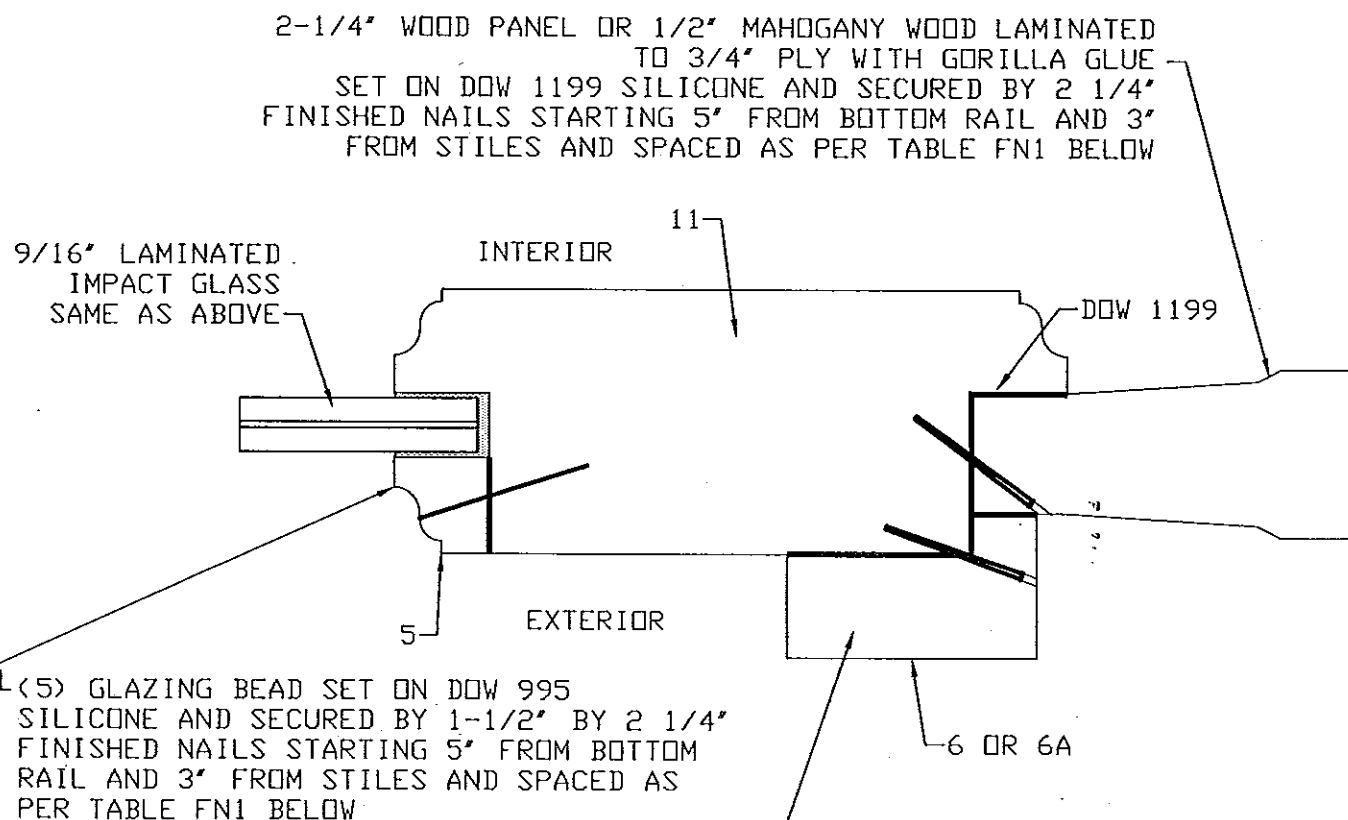
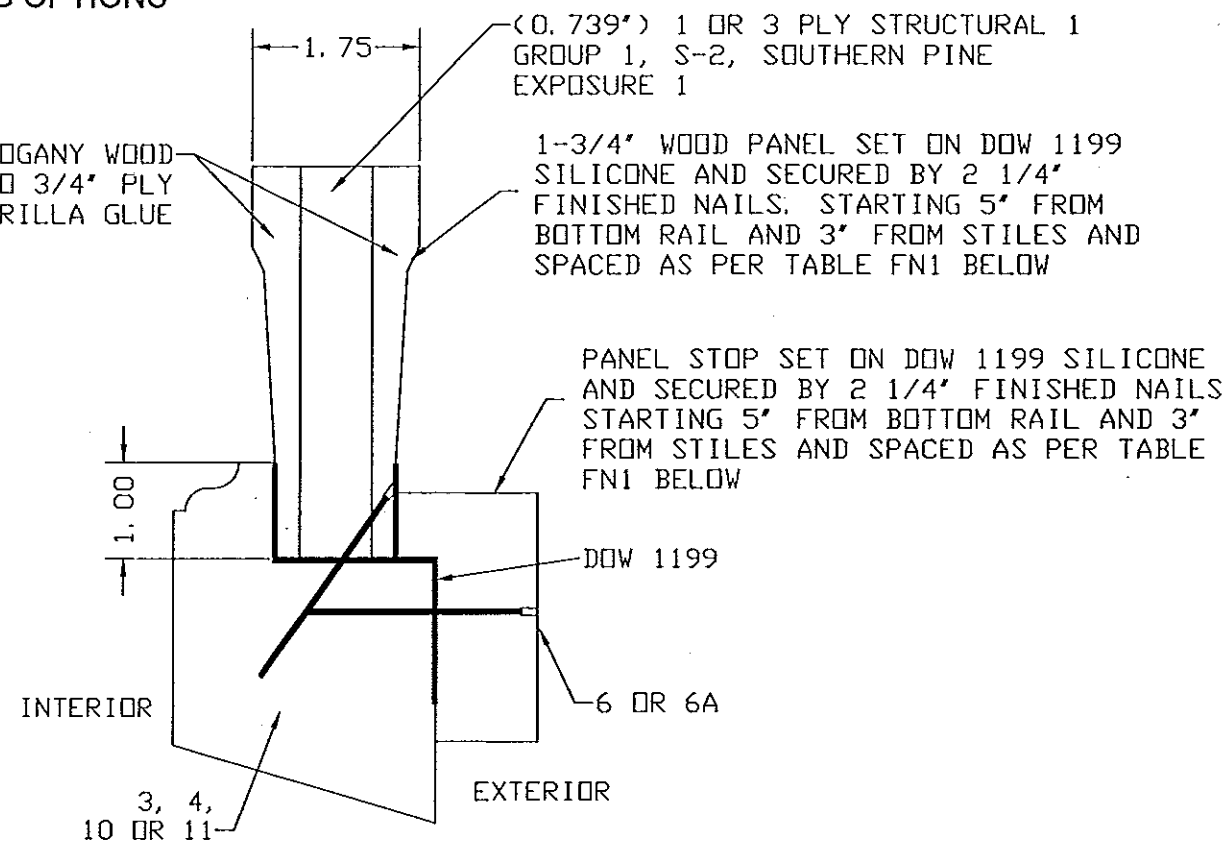
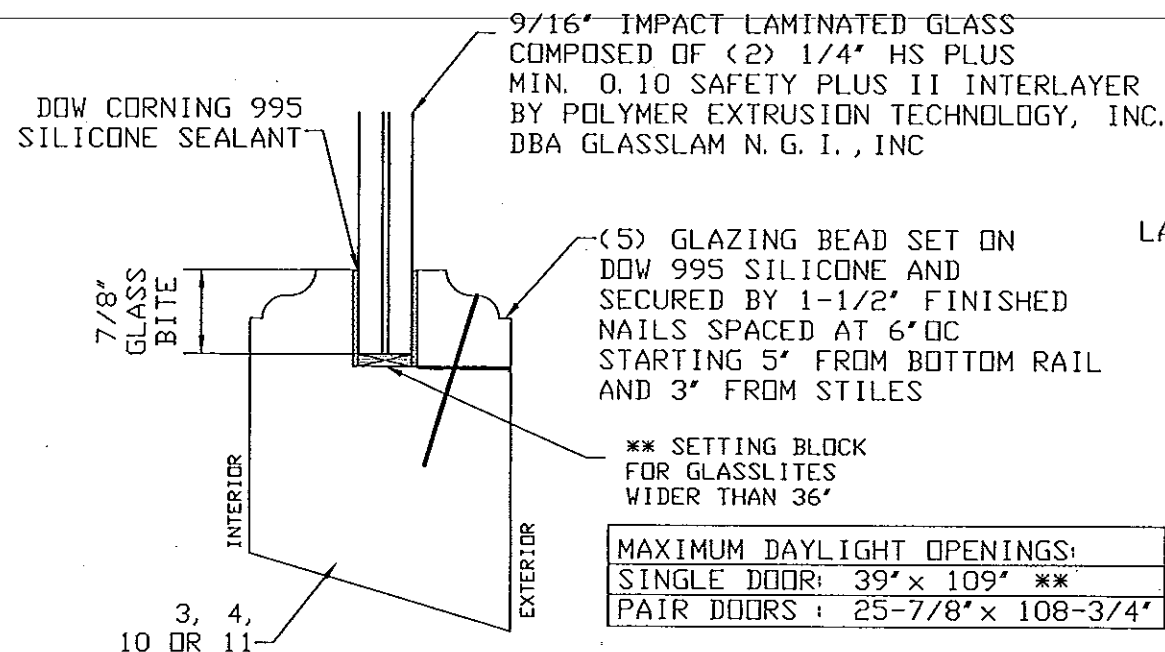


TABLE FN1 FINISHED NAIL SPACING	
2 3/4" OC	FOR 84 PSF ≤ Pd ≤ 90 PSF
3 1/4" OC	FOR 80 PSF ≤ Pd < 84 PSF
3 3/4" OC	FOR Pd < TO 80 PSF

FINISHED NAILS NOTE:  
7d (0.072") X 2 1/4" FINISHED NAIL TYPE I STYLE 14  
(ASTM F1667 NL FH B-06)

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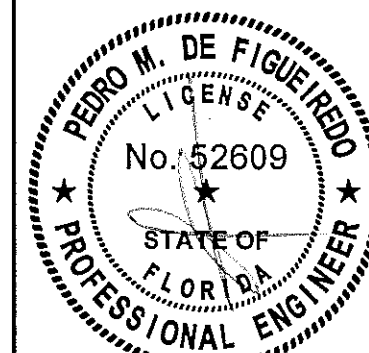
PRODUCT:

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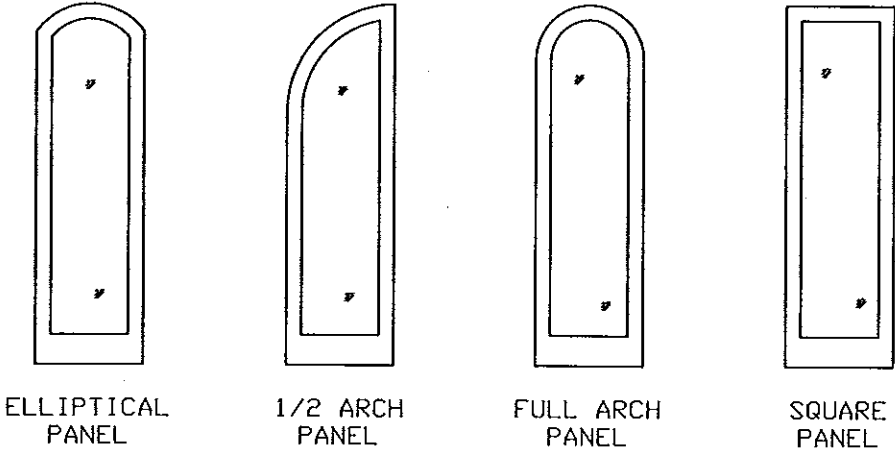
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9 OF 12

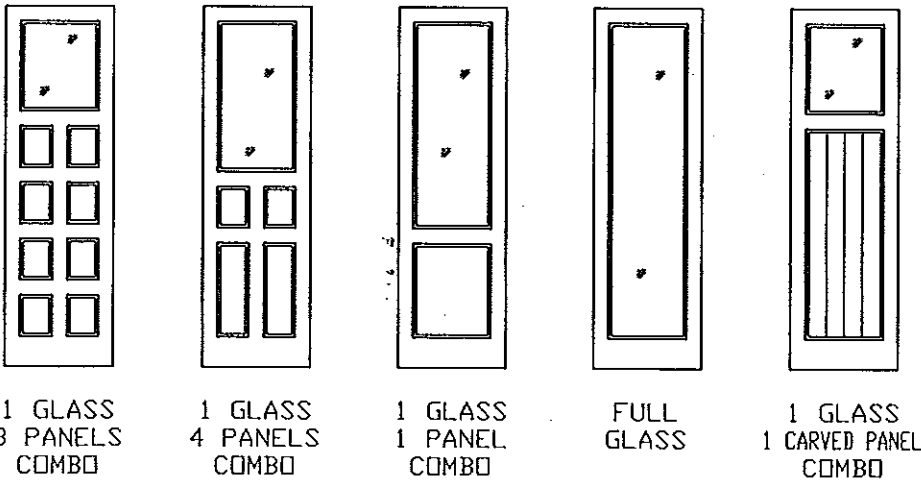
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14-096

SASH PANEL OPTIONS

GEOMETRIC FORMS

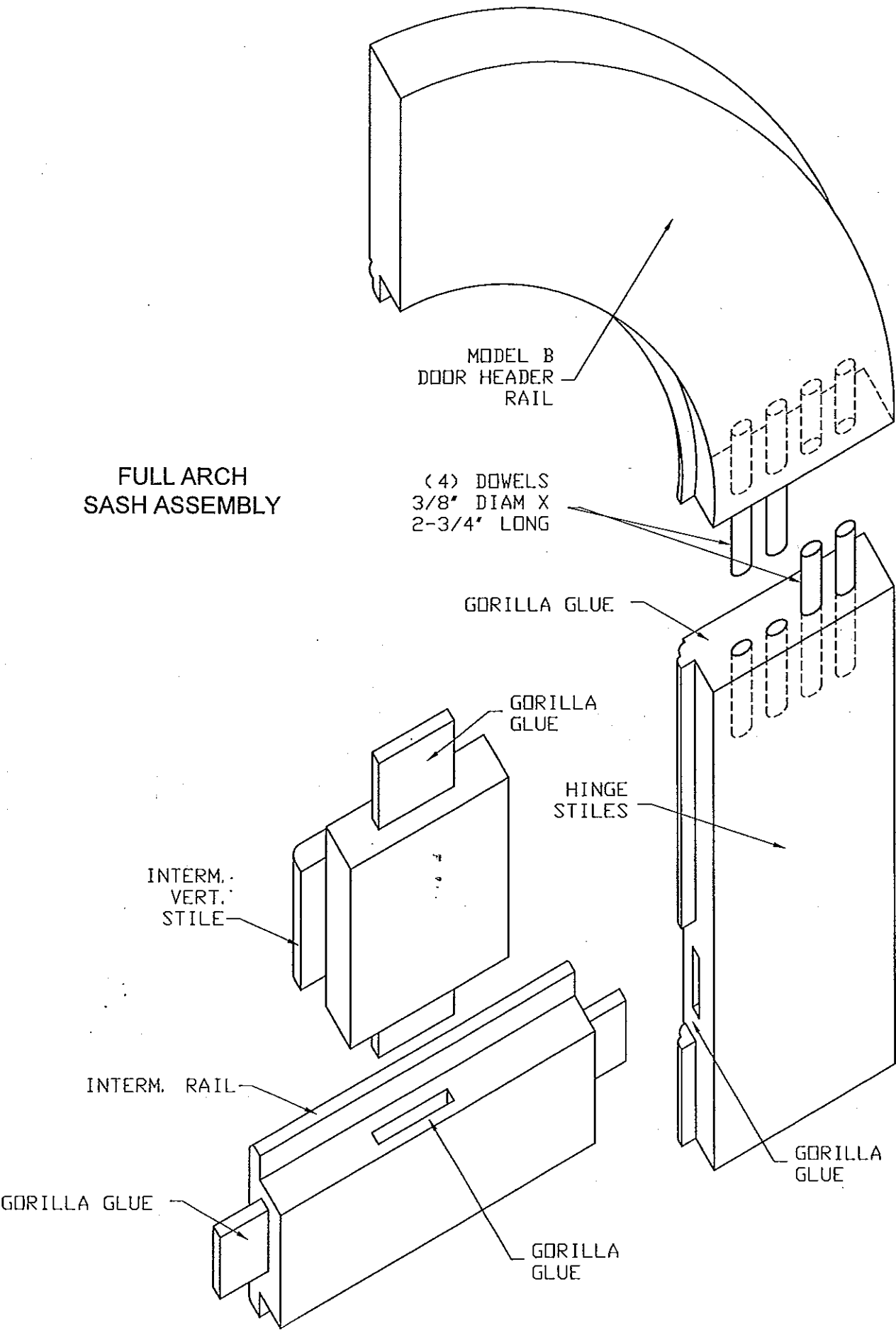


INSERT CONFIGURATIONS FORMS



NOTES:  
1- INSERT CONFIGURATIONS CAN BE USED FOR ALL GEOMETRIC FORM OPTIONS ABOVE  
2- MAXIMUM DOOR LEAF PANEL SIZES ARE LIMITED BY THE SPECIFIED MAXIMUM OPENING IN THIS APPROVAL.  
3- CUSTOM DESIGN PANELS CAN BE ACCOMPLISHED BY OVERLAYING MOLDINGS AND CARVING OVER A SOLID PANEL.

FULL ARCH SASH ASSEMBLY



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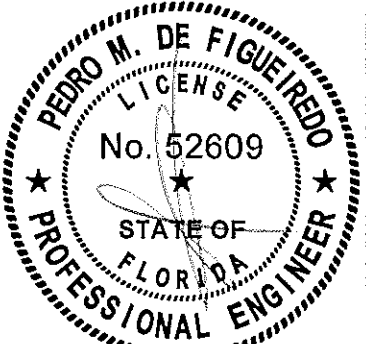
7600 NW 70th Ave.  
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PRODUCT:

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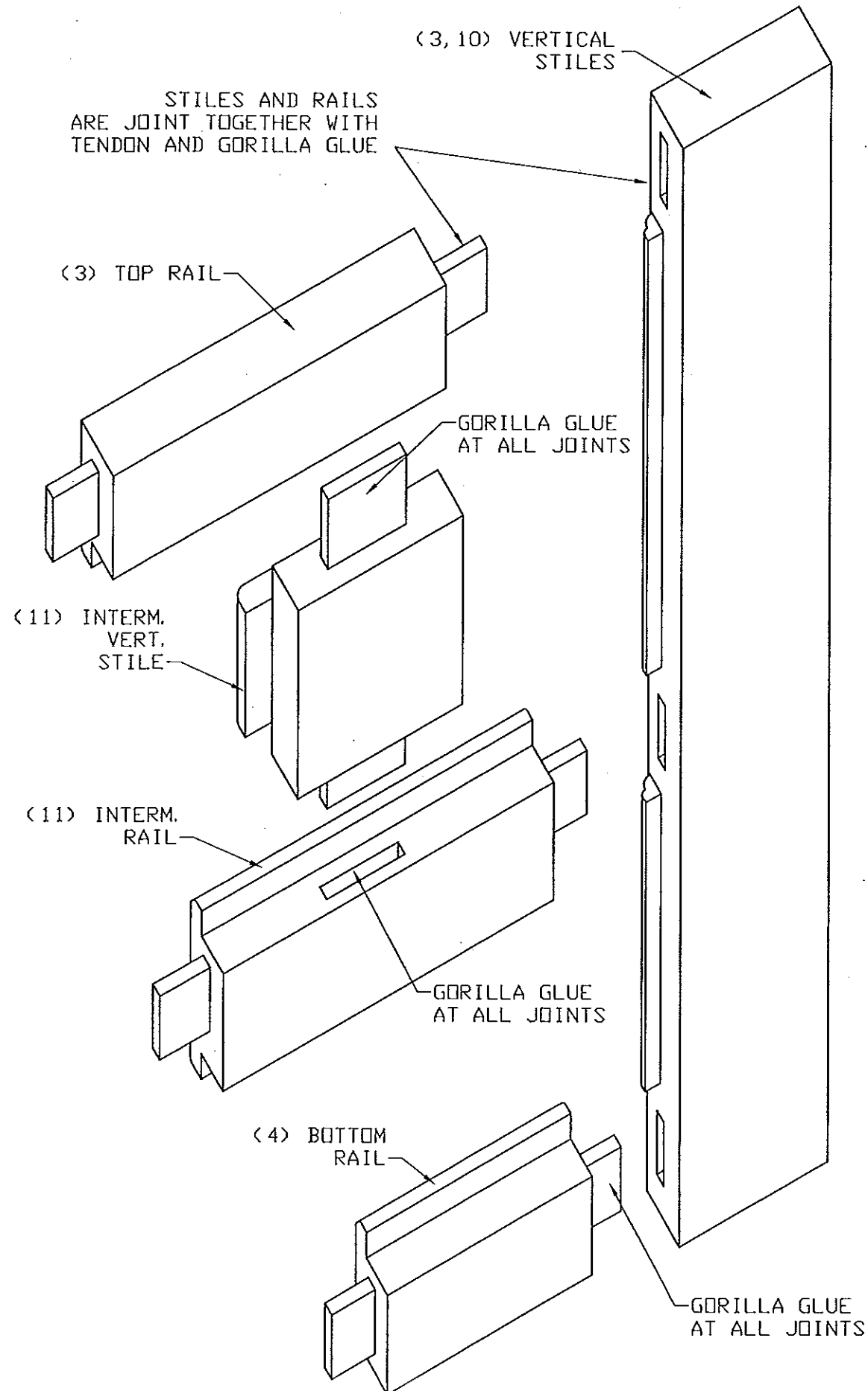
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Florida Building Code  
Date 05/19/2014  
NOAH 14-0606-06  
Miami Dade Product Control  
By [Signature]

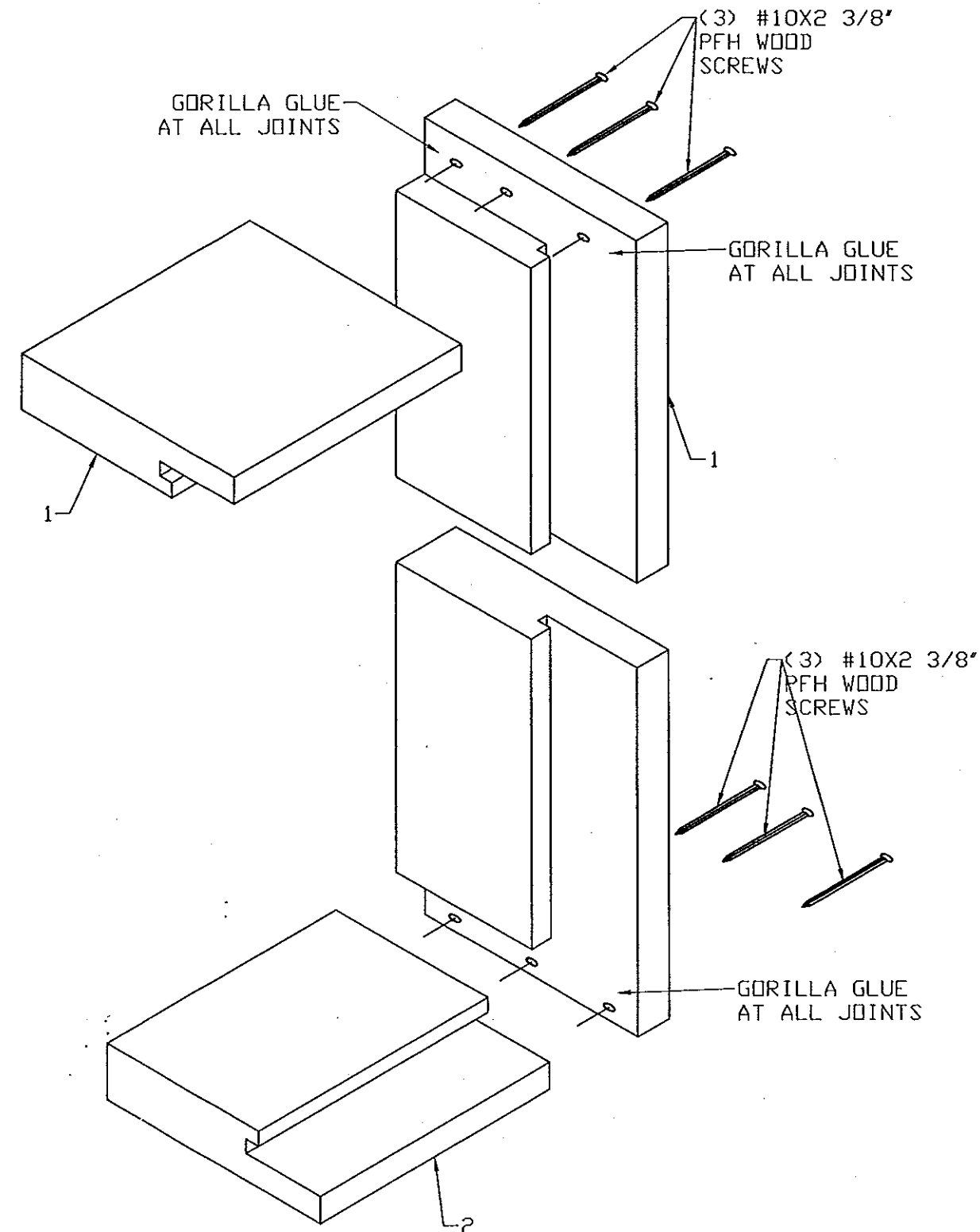
DATE: 05/19/2014  
SCALE: NA  
DESIGN BY: PPMF

SHEET 10 OF 12      DRAWING #: 14-096

# TYPICAL SASH ASSEMBLY



# TYPICAL CORNER FRAMING CONSTRUCTION



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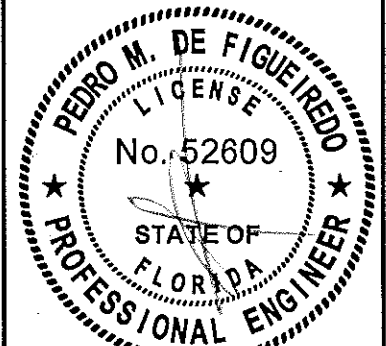
7600 NW 70th Ave.  
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PH: (954)804-1757  
FAX: (954)653-9100

PRODUCT:

**OUTSWING WOOD  
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Florida Building Code  
Date: 06/19/2019  
NOA#: 14-0606-06  
Miami Dade Product Control

By: *[Signature]*

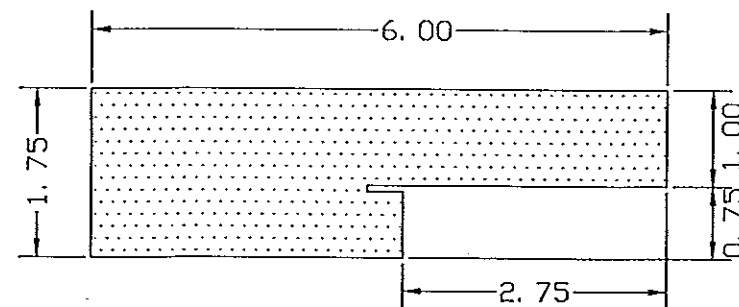
DATE: 05/19/2014  
SCALE: NA  
DESIGN BY: PPMF

SHEET  
11 OF 12

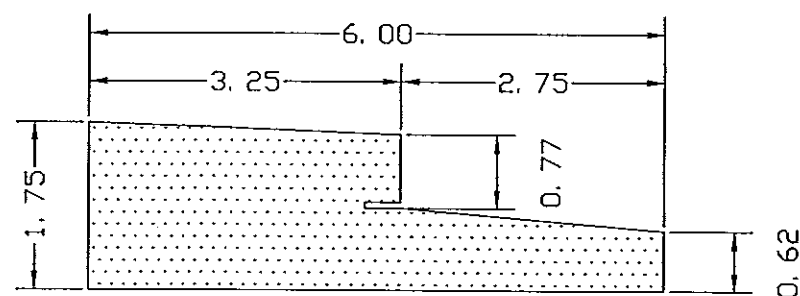
DRAWING #:  
14-096

ALL LAMINATED MEMBERS MADE  
FROM (2) MAHOGANY WOOD PARTS  
JOINED WITH GORILLA GLUE

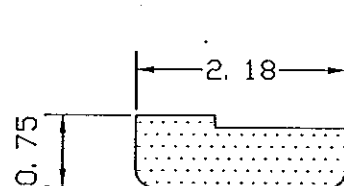
## DOOR COMPONENTS



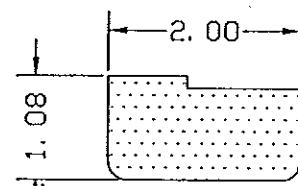
1- DOOR FRAMING HEADER AND JAMBS  
SOLID OR LAMINATED MAHOGANY



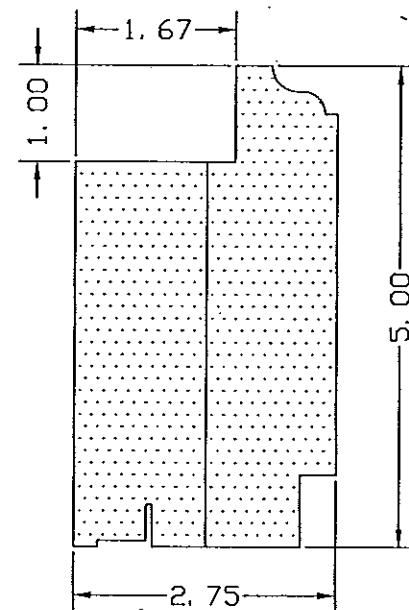
2- DOOR FRAMING SILL  
SOLID OR LAMINATED MAHOGANY



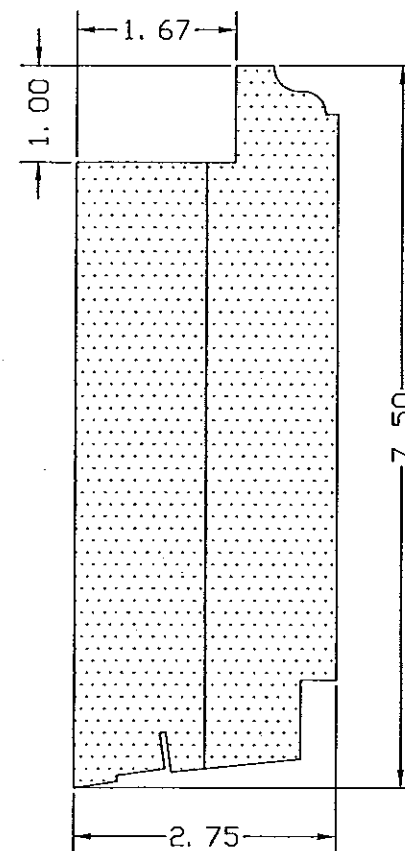
7- EXTERIOR DOOR ASTRAGAL  
SOLID MAHOGANY



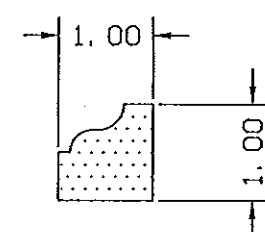
14- EXTERIOR DOOR ASTRAGAL  
SOLID MAHOGANY (SAMPLE D)



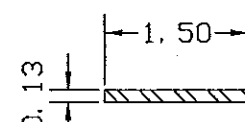
3- DOOR SASH  
TOP RAIL AND HINGE STILES  
SOLID OR LAMINATED MAHOGANY



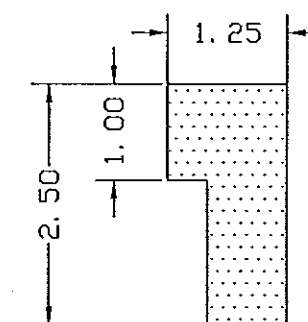
4- DOOR SASH BOTTOM RAIL  
SOLID OR LAMINATED MAHOGANY



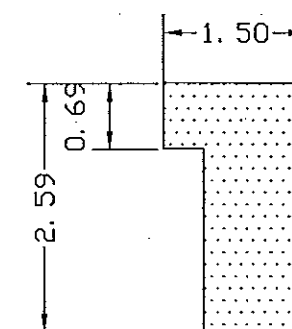
5- GLAZING STOP  
MATERIAL: MAHOGANY



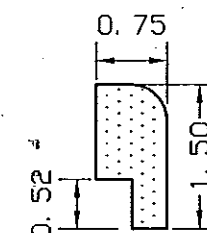
12- STEEL  
REINFORCEMENT  
ASTM A36



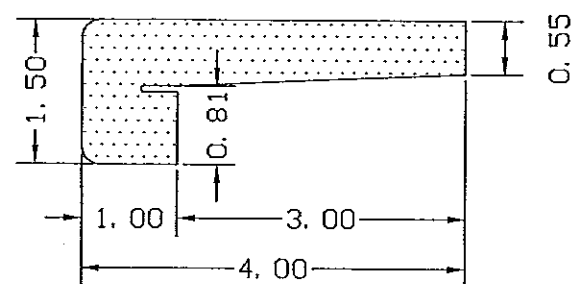
6- WOOD PANEL STOP  
SOLID MAHOGANY



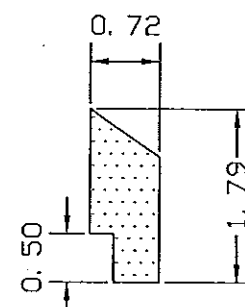
6A- WOOD PANEL STOP  
SOLID OAK



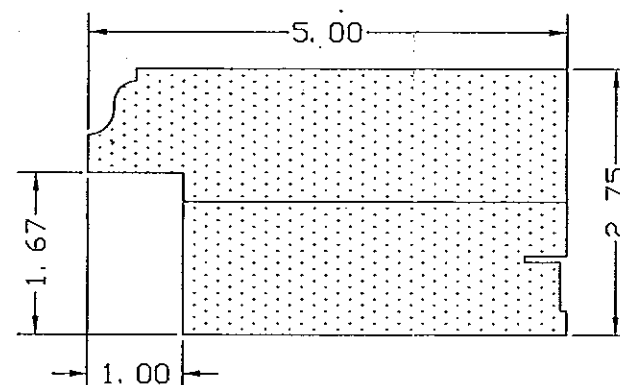
13- BOTTOM RAIL  
WATER DIVERTER  
SOLID MAHOGANY



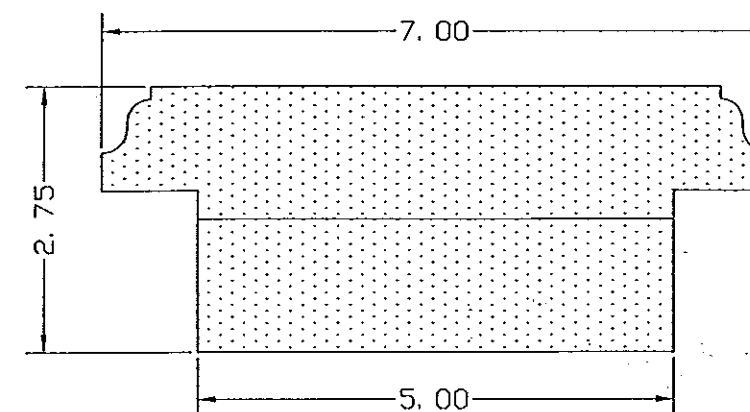
8- INTERIOR DOOR ASTRAGAL  
SOLID MAHOGANY



9- BOTTOM RAIL  
WATER DIVERTER  
SOLID MAHOGANY



10- DOOR SASH  
MEETING STILES  
SOLID OR LAMINATED MAHOGANY



11- MID RAIL  
SOLID OR LAMINATED MAHOGANY

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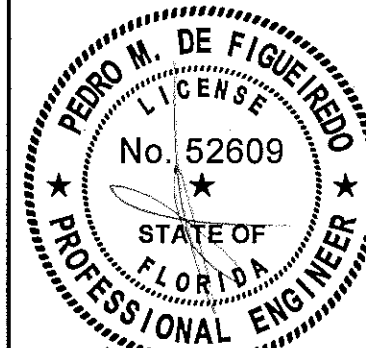
PRODUCT:

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OCT 16 2014

Engineer Seal  
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

PRODUCT RENEWED  
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Florida Building Code  
Date: 06/14/2014  
NOA# 14-06836  
Miami-Dade Product Control  
By: [Signature]

DATE: 05/19/2014  
SCALE: NA  
DESIGN BY: PPMF

SHEET  
12 OF 12

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